

Converting Colors

XYZ(72.9062, 76.7670, 91.5539)

Have a look what the booklet for
XYZ(72.9062, 76.7670, 91.5539)
contains.

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Color

**XYZ(72.7205, 76.4834,
91.8189)**

Conversions

Conversions Part 1

Format	Color
Hex	DDE3EE
RGB	221, 227, 238
RGB Percent	87%, 89%, 93%
CMY	0.1333, 0.1098, 0.0667
CMYK	0.07, 0.05, 0.00, 0.07
HSL	219°, 33%, 90%
HSV	219°, 7%, 93%
XYZ	72.7205, 76.4834, 91.8189
YIQ	226.4600, -7.1070, 2.1490

Conversions

Conversions Part 2

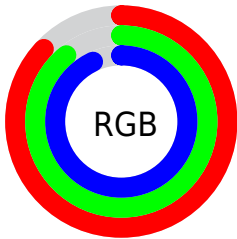
Format	Color
R _Y B	221, 225, 238
Decimal	14541806
CIE Lab	90.08, 0.05, -6.05
CIE LCh	90, 6.051, 270.503
Yxy	76.4834, 0.3017, 0.3173
Android (android.graphics.Color)	4292731886 (0xFFDDE3EE)
YUV	226.4600, 5.6892, -4.7884
Hunter-Lab	87.4548, -4.6194, -1.0303

Details

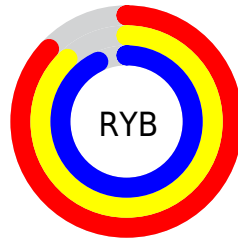
The XYZ color **72.7205, 76.4834, 91.8189** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **77.1679, 81.1101, 79.9965**, and the grayscale version is **72.5873, 76.3675, 83.1642**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.9219, 40.9894, 50.1163** is the 20% darker color. If you saturate the color by 10%, you get **61.9578, 64.9630, 90.1637**, and if you desaturate by 10%, it is **84.8914, 89.2929, 93.6511**.

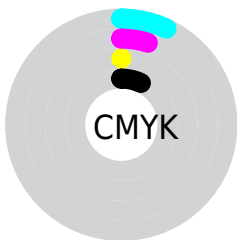
Distribution



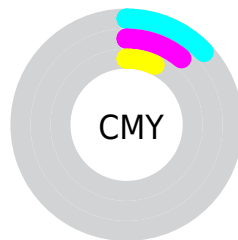
- Red (87%)
- Green (89%)
- Blue (93%)



- Red (87%)
- Yellow (88%)
- Blue (93%)



- Cyan (7%)
- Magenta (5%)
- Yellow (0%)
- Black (7%)



- Cyan (13%)
- Magenta (11%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.7205, 76.4834, 91.8189 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 72.7205, 76.4834, 91.8189 by changing the saturation by 10% instead.

■ 72.7205, 76.4834,
91.8189

■ 72.7205, 76.4834,
91.8189

459.1643,
483.0009, 554.6521

■ 54.0350, 56.8290,
68.9080

122.0856,
128.4100, 151.8199

■ 38.8604, 40.8680,
50.1655

153.4960,
161.4509, 189.7471

■ 26.8314, 28.2159,
35.1728

189.8786,
199.7229, 233.5168

■ 17.5826, 18.4885,
23.5114

231.5990,
243.6102, 283.5476

■ 10.7486, 11.3013,
14.7628

279.0224,
293.4972, 340.2580

■ 5.9641, 6.2698,
8.5083

332.5142,

■ 2.8637, 3.0099,

349.7684, 404.0665

4.3295

392.4397,
412.8082, 475.3917

■ 1.0821, 1.1369,
1.8078

■ 0.0101, 0.0092,
0.4331

■ 72.7205, 76.4834,
91.8189

■ 72.7205, 76.4834,
91.8189

■ 61.9578, 64.9630,
90.1637

■ 84.8914, 89.2929,
93.6511

■ 52.5438, 54.6802,
88.6751

■ 92.4328, 98.9531,
95.1182

■ 44.4246, 45.5940,
87.3492

■ 37.5396, 37.6574,
86.1801

■ 31.8235, 30.8202,
85.1617

■ 27.2043, 25.0275,
84.2871

■ 23.6011, 20.2193,
83.5489

■ 20.9206, 16.3276,
82.9390

■ 19.0447, 13.2705,
82.4478

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



71.2834, 76.4834, 90.6806



72.7205, 76.4834, 91.8189



74.1699, 76.4834, 90.6038

Triad

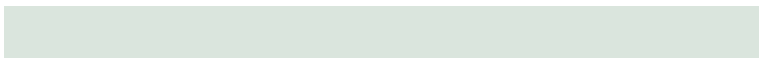
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.7205, 76.4834, 91.8189



75.2103, 76.4834, 79.1522



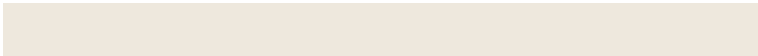
70.2121, 76.4834, 79.2736

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



72.7205, 76.4834, 91.8189



77.1679, 81.1101, 79.9965

Split Complementary

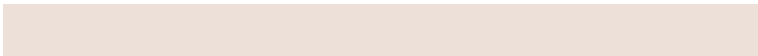
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



71.2401, 76.4834, 76.3570



72.7205, 76.4834, 91.8189



74.1255, 76.4834, 76.2886

Square

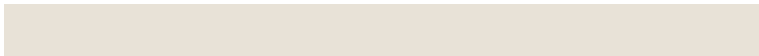
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.7205, 76.4834, 91.8189



75.6194, 76.4834, 83.2049



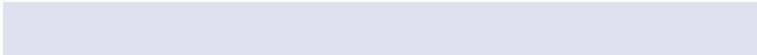
72.6699, 76.4834, 75.2828



69.8473, 76.4834, 83.3500

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



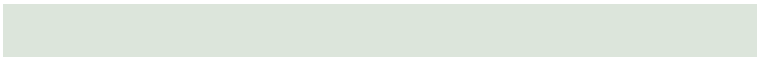
72.7205, 76.4834, 91.8189



74.9450, 76.4834, 88.6459



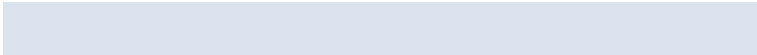
72.6699, 76.4834, 75.2828



70.4908, 76.4834, 78.1302

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



72.7227, 76.4866, 91.8206



92.1551, 96.9587, 108.4656



74.9269, 82.3354, 88.1147



19.7553, 20.7851, 23.2207



0.0000, 0.0000, 0.0000



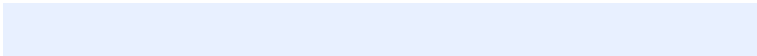
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.7227, 76.4866, 91.8206



82.5506, 86.7955, 107.0101



71.8040, 73.6177, 91.3152



15.3539, 16.1420, 20.0281



10.4909, 7.2060, 45.9658



0.9631, 0.7802, 3.8540

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



74.9832, 75.4376, 83.2857



85.8619, 85.3019, 94.4982



78.1305, 84.1580, 80.5341



16.0033, 15.8510, 17.5738



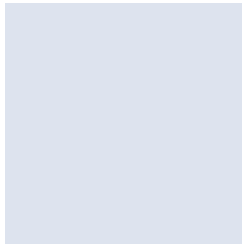
20.6209, 10.5208, 5.9204



1.7611, 0.8935, 0.7327

Previews

White Background



This preview shows how the XYZ color 72.7205, 76.4834, 91.8189 looks on a white background.

Color Contrast Check

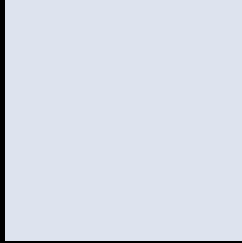
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 72.7205, 76.4834, 91.8189 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

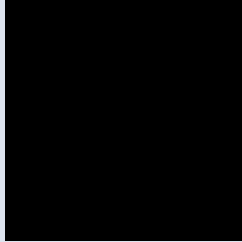
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

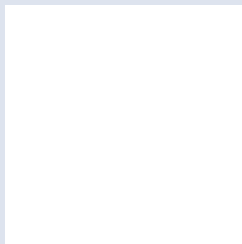
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.7205, 76.4834, 91.8189

Background



This preview shows how black text looks on a background with the XYZ color 72.7205, 76.4834, 91.8189.



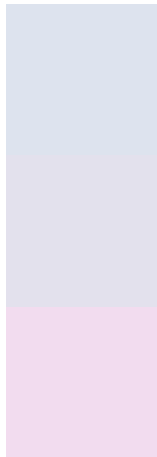
This preview shows how white text looks on a background with the XYZ color 72.7205, 76.4834,

91.8189.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

72.7205, 76.4834, 91.8189

Protanopia

73.8898, 76.2957, 90.9529

Deuteranopia

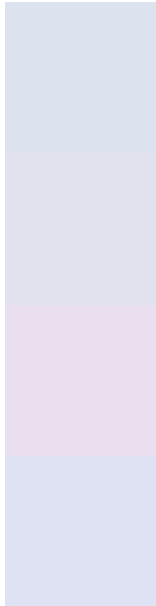
77.7911, 76.2956, 92.2879



Tritanopia

73.6497, 76.4540, 96.4633

Trichromacy



Original Color

72.7205, 76.4834, 91.8189

Protanomaly

73.5338, 76.5147, 91.0139

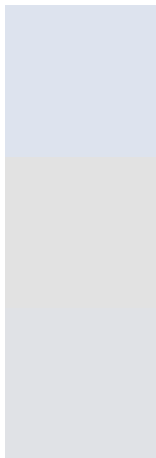
Deuteranomaly

75.8993, 76.4998, 92.4270

Tritanomaly

73.3476, 76.3331, 94.8723

Monochromacy



Original Color

72.7205, 76.4834, 91.8189

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

72.2198, 75.9532, 85.7170

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.7205, 76.4834, 91.8189 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(221, 227, 238) looks like.

```
.text, #text, p{  
    color:rgb(221, 227, 238)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(221, 227, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 227, 238) }
```

Border

The CSS property to change the border of an element to XYZ 72.7205, 76.4834, 91.8189 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(221, 227, 238) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(221, 227, 238) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(221, 227, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 227, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 227, 238);  
box-shadow:4px 4px 4px 4px rgb(221, 227,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 72.7205, 76.4834, 91.8189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 227, 238) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(221,  
227, 238) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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