

Converting Colors

XYZ(66.1582, 72.2355, 90.4295)

Have a look what the booklet for
XYZ(66.1582, 72.2355, 90.4295)
contains.

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Color

**XYZ(66.2987, 72.3824,
90.5976)**

Conversions

Conversions Part 1

Format	Color
Hex	C9E1ED
RGB	201, 225, 237
RGB Percent	79%, 88%, 93%
CMY	0.2118, 0.1176, 0.0706
CMYK	0.15, 0.05, 0.00, 0.07
HSL	200°, 50%, 86%
HSV	200°, 15%, 93%
XYZ	66.2987, 72.3824, 90.5976
YIQ	219.1920, -18.1560, -1.3560

Conversions

Conversions Part 2

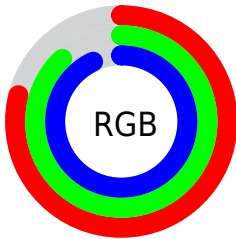
Format	Color
R _Y B	201, 215, 237
Decimal	13230573
CIE Lab	88.15, -5.50, -8.54
CIE LCh	88, 10.158, 237.204
Yxy	72.3824, 0.2892, 0.3157
Android (android.graphics.Color)	4291420653 (0xFFC9E1ED)
YUV	219.1920, 8.7793, -15.9544
Hunter-Lab	85.0778, -9.7864, -3.5822

Details

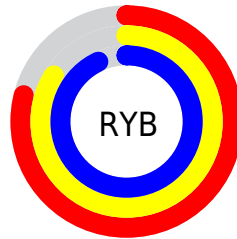
The XYZ color **66.2987, 72.3824, 90.5976** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.2624, 69.8099, 65.0839**, and the grayscale version is **67.4170, 70.9279, 77.2405**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.7478, 38.2887, 49.2751** is the 20% darker color. If you saturate the color by 10%, you get **58.3271, 65.1780, 89.6283**, and if you desaturate by 10%, it is **75.3564, 80.2971, 91.6491**.

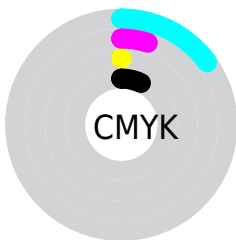
Distribution



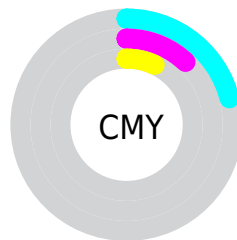
- Red (79%)
- Green (88%)
- Blue (93%)



- Red (79%)
- Yellow (84%)
- Blue (93%)



- Cyan (15%)
- Magenta (5%)
- Yellow (0%)
- Black (7%)



- Cyan (21%)
- Magenta (12%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.2987, 72.3824, 90.5976 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 66.2987, 72.3824, 90.5976 by changing the saturation by 10% instead.

■ 66.2987, 72.3824,
90.5976

■ 66.2987, 72.3824,
90.5976

436.9162,
468.8715, 550.5931

■ 48.7835, 53.4711,
67.8999

112.9703,
122.6000, 150.1110

■ 34.6616, 38.1790,
49.3501

142.8574,
154.6752, 187.7637

■ 23.5676, 26.1216,
34.5297

177.5992,
191.9071, 231.2386

■ 15.1362, 16.9147,
23.0202

217.5611,
234.6801, 280.9540

■ 9.0020, 10.1737,
14.4030

263.1084,
283.3787, 337.3287

■ 4.7996, 5.5143,
8.2595

314.6064,

■ 2.1637, 2.5520,

338.3872, 400.7811

4.1713

372.4206,
400.0900, 471.7297

■ 0.7235, 0.9026,
1.7198

■ 0.0000, 0.0000,
0.3742

■ 66.2987, 72.3824,
90.5976

■ 66.2987, 72.3824,
90.5976

■ 58.3271, 65.1780,
89.6283

■ 75.3564, 80.2971,
91.6491

■ 51.3888, 58.6490,
88.7338

■ 85.5370, 88.9374,
92.7802

■ 45.4363, 52.7710,
87.9129

■ 90.3089, 94.9399,
93.6873

■ 40.4155, 47.5138,
87.1628

■ 92.2863, 98.8945,
94.3464

■ 36.2666, 42.8447,
86.4803

■ 32.9224, 38.7268,
85.8617

■ 30.3049, 35.1178,
85.3030

■ 28.3185, 31.9660,
84.7994

■ 27.5168, 30.5755,
84.5733

Harmonies

Analogous

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



64.7270, 72.3824, 85.0857



66.2987, 72.3824, 90.5976



68.5697, 72.3824, 92.9394

Triad

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



66.2987, 72.3824, 90.5976



73.5679, 72.3824, 79.4664



66.6844, 72.3824, 67.5056

Complementary

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



66.2987, 72.3824, 90.5976



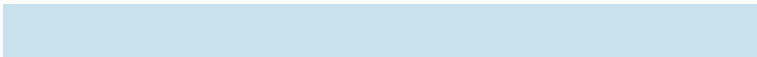
69.2624, 69.8099, 65.0839

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.



69.0254, 72.3824, 66.1943



66.2987, 72.3824, 90.5976



73.0348, 72.3824, 72.8548

Square

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



66.2987, 72.3824, 90.5976



72.7980, 72.3824, 86.2806



71.3579, 72.3824, 68.0958



64.9460, 72.3824, 71.7876

Rectangle

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



66.2987, 72.3824, 90.5976



70.1878, 72.3824, 92.2908



71.3579, 72.3824, 68.0958



67.4253, 72.3824, 66.7142

Sweetspot

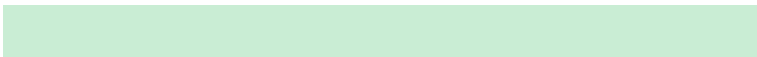
The Sweet Spot groups the original color and five complimentary colors.



66.3008, 72.3854, 90.5992



89.1733, 94.9805, 108.2409



66.3071, 77.7608, 74.0682



18.9158, 20.1825, 23.1486



0.0000, 0.0000, 0.0000



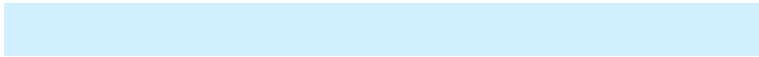
20.3446, 21.4041, 23.3091

Same Dimension

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



66.3008, 72.3854, 90.5992



75.4458, 82.9359, 106.6396



61.8333, 63.4503, 89.1100



15.0703, 16.2270, 19.2601



15.1485, 16.9440, 46.2151



1.2773, 1.5061, 3.6583

Inverse Universe

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



69.4040, 65.2157, 80.1675



79.7492, 73.1837, 92.1303



73.8771, 79.0394, 66.6222



15.4890, 15.2235, 17.8605



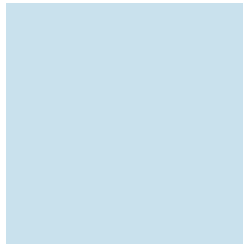
22.5016, 11.2033, 18.9744



1.8112, 0.8975, 1.7233

Previews

White Background



This preview shows how the XYZ color 66.2987, 72.3824, 90.5976 looks on a white background.

Color Contrast Check

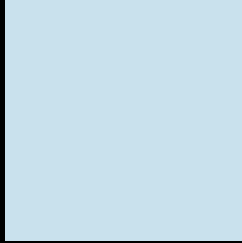
Large Text (above 18pt) WCAG AA × Fail

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 66.2987, 72.3824, 90.5976 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

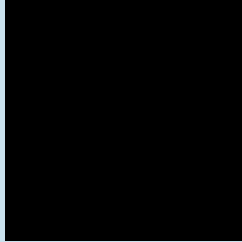
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

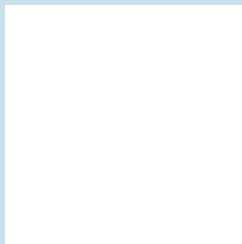
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.2987, 72.3824, 90.5976

Background



This preview shows how black text looks on a background with the XYZ color 66.2987, 72.3824, 90.5976.

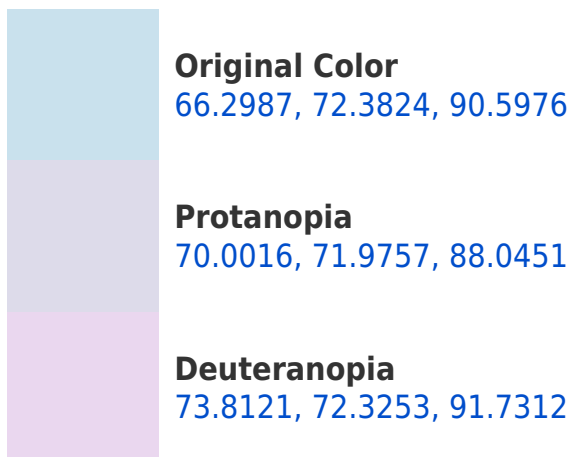


This preview shows how white text looks on a background with the XYZ color 66.2987, 72.3824,

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





Tritanopia

67.0398, 72.2787, 94.4222

Trichromacy



Original Color

66.2987, 72.3824, 90.5976

Protanomaly

68.5834, 72.0072, 88.8813

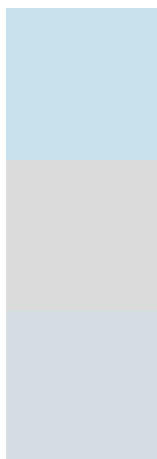
Deuteranomaly

70.8883, 72.3657, 91.1207

Tritanomaly

66.7410, 72.1591, 92.8486

Monochromacy



Original Color

66.2987, 72.3824, 90.5976

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

66.7353, 71.2009, 82.1773

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.2987, 72.3824, 90.5976 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(201, 225, 237)` looks like.

```
.text, #text, p{  
    color:rgb(201, 225, 237)  
}
```

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(201, 225, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 225, 237) }
```

Border

The CSS property to change the border of an element to XYZ 66.2987, 72.3824, 90.5976 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(201, 225, 237) }
```


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

```
.border{ border-color:rgb(201, 225, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 225, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 225, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 225, 237);  
box-shadow:4px 4px 4px 4px rgb(201, 225,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 66.2987, 72.3824, 90.5976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 225, 237) }
```

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

```
.background{ background-color: rgb(201,  
225, 237) }
```

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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