

Converting Colors

XYZ(75.1611, 78.1538, 91.9889)

Have a look what the booklet for
XYZ(75.1611, 78.1538, 91.9889)
contains.

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Color

**XYZ(75.1709, 78.1538,
92.0122)**

Conversions

Conversions Part 1

Format	Color
Hex	E4E4EE
RGB	228, 228, 238
RGB Percent	89%, 89%, 93%
CMY	0.1059, 0.1059, 0.0667
CMYK	0.04, 0.04, 0.00, 0.07
HSL	240°, 23%, 91%
HSV	240°, 4%, 93%
XYZ	75.1709, 78.1538, 92.0122
YIQ	229.1400, -3.2100, 3.1100

Conversions

Conversions Part 2

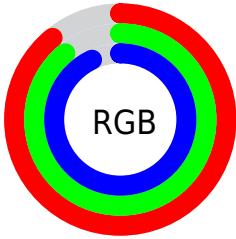
Format	Color
R_{YB}	228, 228, 238
Decimal	15000814
CIE Lab	90.85, 1.83, -4.86
CIE LCh	91, 5.194, 290.608
Yxy	78.1538, 0.3064, 0.3186
Android (android.graphics.Color)	4293190894 (0xFFE4E4EE)
YUV	229.1400, 4.3680, -0.9998
Hunter-Lab	88.4046, -2.9287, 0.1738

Details

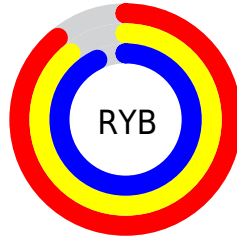
The XYZ color **75.1709, 78.1538, 92.0122** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **79.8382, 84.9268, 85.5846**, and the grayscale version is **74.5516, 78.4341, 85.4148**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.6206, 42.1488, 50.2506** is the 20% darker color. If you saturate the color by 10%, you get **62.0337, 62.3265, 89.6508**, and if you desaturate by 10%, it is **90.2526, 96.3249, 94.7259**.

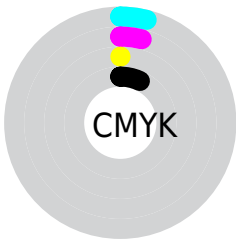
Distribution



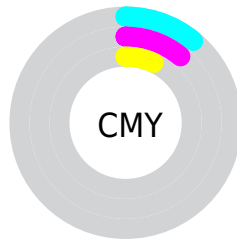
- Red (89%)
- Green (89%)
- Blue (93%)



- Red (89%)
- Yellow (89%)
- Blue (93%)



- Cyan (4%)
- Magenta (4%)
- Yellow (0%)
- Black (7%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.1709, 78.1538, 92.0122 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 75.1709, 78.1538, 92.0122 by changing the saturation by 10% instead.

■ 75.1709, 78.1538,
92.0122

■ 75.1709, 78.1538,
92.0122

467.4929,
488.6890, 555.2931

■ 56.0476, 58.2003,
69.0677

125.5409,
130.7669, 152.0901

■ 40.4782, 41.9697,
50.2947

157.5182,
164.1953, 190.0606

■ 28.0975, 29.0776,
35.2748

194.5110,
202.8842, 233.8769

■ 18.5400, 19.1395,
23.5894

236.8844,
247.2179, 283.9574

■ 11.4404, 11.7711,
14.8199

285.0040,
297.5808, 340.7207

■ 6.4333, 6.5880,
8.5479

339.2350,

■ 3.1535, 3.2058,

354.3574, 404.5854

4.3547

399.9429,
417.9320, 475.9700

■ 1.2354, 1.2401,
1.8219

■ 0.1341, 0.0941,
0.4423

■ 75.1709, 78.1538,
92.0122

■ 75.1709, 78.1538,
92.0122

■ 62.0337, 62.3265,
89.6508

■ 90.2526, 96.3249,
94.7259

■ 50.7555, 48.7380,
87.6224

■ 92.4328, 98.9531,
95.1183

■ 41.2544, 37.2904,
85.9136

■ 33.4399, 27.8746,
84.5080

■ 27.2134, 20.3719,
83.3880

■ 22.4661, 14.6513,
82.5340

■ 19.0757, 10.5653,
81.9240

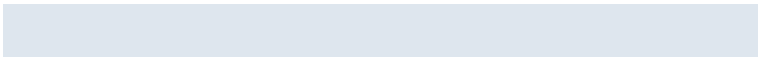
■ 16.9002, 7.9431,
81.5326

■ 15.7663, 6.5758,
81.3284

Harmonies

Analogous

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



73.8735, 78.1538, 92.3963



75.1709, 78.1538, 92.0122



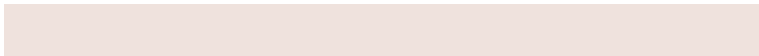
76.2420, 78.1538, 89.7459

Triad

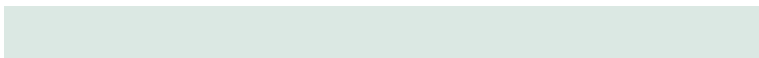
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.1709, 78.1538, 92.0122



75.8891, 78.1538, 79.6543



71.8309, 78.1538, 83.9271

Complementary

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



75.1709, 78.1538, 92.0122



79.8382, 84.9268, 85.5846

Split Complementary

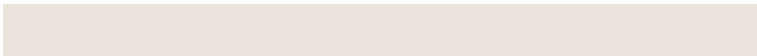
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



72.3576, 78.1538, 80.6099



75.1709, 78.1538, 92.0122



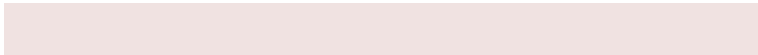
74.6937, 78.1538, 78.1911

Square

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



75.1709, 78.1538, 92.0122



76.6600, 78.1538, 82.5880



73.4018, 78.1538, 78.5357



71.9553, 78.1538, 87.6547

Rectangle

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



75.1709, 78.1538, 92.0122



76.6786, 78.1538, 87.5083



73.4018, 78.1538, 78.5357



71.9375, 78.1538, 82.7288

Sweetspot

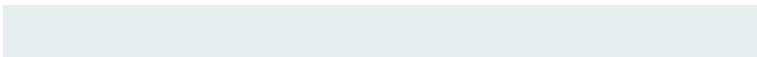
The Sweet Spot groups the original color and five complimentary colors.



75.1732, 78.1571, 92.0139



93.3102, 97.9039, 108.5871



77.9788, 83.8076, 92.8284



19.9906, 20.9776, 23.2454



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.



75.1732, 78.1571, 92.0139



86.5818, 89.7975, 107.3770



76.7271, 78.9567, 92.0864



16.0148, 16.5754, 20.0769



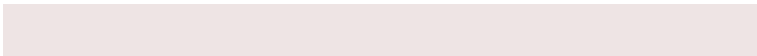
8.6106, 3.4454, 45.3391



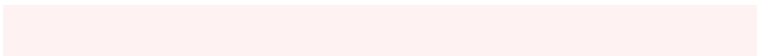
0.7165, 0.2869, 3.7718

Inverse Universe

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



77.0086, 79.2669, 84.6439



89.1319, 91.3393, 97.1376



78.2381, 84.1035, 85.5100



16.5537, 16.9013, 17.9129



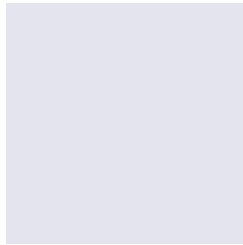
19.6718, 10.1412, 0.9225



1.6366, 0.8437, 0.0772

Previews

White Background



This preview shows how the XYZ color 75.1709, 78.1538, 92.0122 looks on a white background.

Color Contrast Check

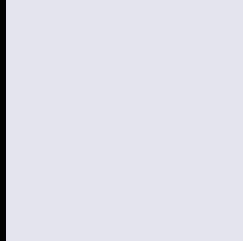
Large Text (above 18pt) WCAG AA × Fail

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 75.1709, 78.1538, 92.0122 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

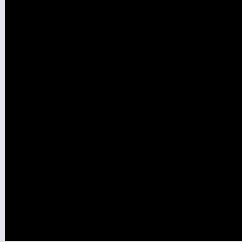
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

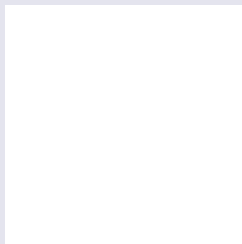
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.1709, 78.1538, 92.0122

Background



This preview shows how black text looks on a background with the XYZ color 75.1709, 78.1538, 92.0122.



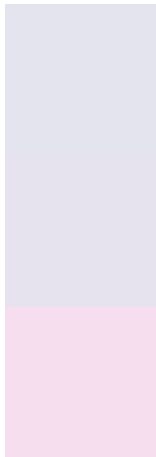
This preview shows how white text looks on a background with the XYZ color 75.1709, 78.1538,

92.0122.

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

75.1709, 78.1538, 92.0122

Protanopia

75.5348, 77.9342, 91.9506

Deuteranopia

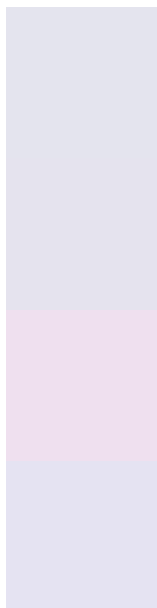
79.7073, 78.0674, 92.5288



Tritanopia

76.2636, 78.1888, 97.4586

Trichromacy



Original Color

75.1709, 78.1538, 92.0122

Protanomaly

75.2148, 77.7692, 91.9356

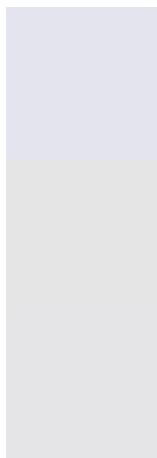
Deuteranomaly

77.8322, 77.8940, 92.5942

Tritanomaly

75.8092, 78.0070, 95.0657

Monochromacy



Original Color

75.1709, 78.1538, 92.0122

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

74.8979, 78.5228, 87.5528

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.1709, 78.1538, 92.0122 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(228, 228, 238) looks like.

```
.text, #text, p{  
    color:rgb(228, 228, 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(228, 228, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 228, 238) }
```

Border

The CSS property to change the border of an element to XYZ 75.1709, 78.1538, 92.0122 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(228, 228, 238) }
```


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

```
.border{ border-color:rgb(228, 228, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 228, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 228, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 228, 238);  
box-shadow:4px 4px 4px 4px rgb(228, 228,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 75.1709, 78.1538, 92.0122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 228, 238) }
```

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

```
.background{ background-color: rgb(228,  
228, 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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