

Converting Colors

XYZ(73.9644, 75.4291, 90.2465)

Have a look what the booklet for
XYZ(73.9644, 75.4291, 90.2465)
contains.

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Color

**XYZ(74.1611, 75.6545,
90.0509)**

Conversions

Conversions Part 1

Format	Color
Hex	E6DFEC
RGB	230, 223, 236
RGB Percent	90%, 87%, 93%
CMY	0.0980, 0.1255, 0.0745
CMYK	0.03, 0.06, 0.00, 0.07
HSL	272°, 25%, 90%
HSV	272°, 6%, 93%
XYZ	74.1611, 75.6545, 90.0509
YIQ	226.5750, -0.0010, 5.5270

Conversions

Conversions Part 2

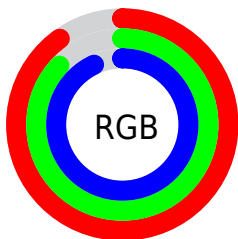
Format	Color
R _{YB}	230, 223, 236
Decimal	15130604
CIE Lab	89.70, 4.71, -5.49
CIE LCh	90, 7.237, 310.616
Yxy	75.6545, 0.3092, 0.3154
Android (android.graphics.Color)	4293320684 (0xFFE6DFEC)
YUV	226.5750, 4.6465, 3.0037
Hunter-Lab	86.9796, -0.0205, -0.4979

Details

The XYZ color **74.1611, 75.6545, 90.0509** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75.6307, 81.9786, 81.6532**, and the grayscale version is **72.6743, 76.4590, 83.2639**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.9200, 40.4145, 48.8768** is the 20% darker color. If you saturate the color by 10%, you get **64.9026, 62.1663, 87.9365**, and if you desaturate by 10%, it is **84.5213, 91.0195, 92.4717**.

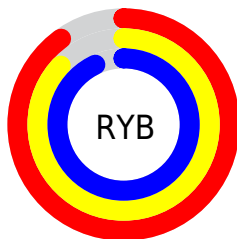
Distribution



Red (90%)

Green (87%)

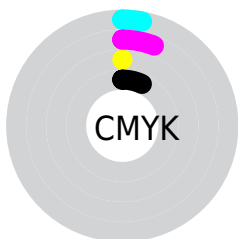
Blue (93%)



Red (90%)

Yellow (87%)

Blue (93%)

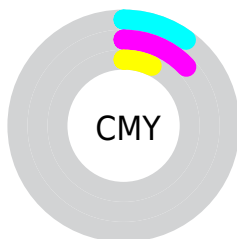


Cyan (3%)

Magenta (6%)

Yellow (0%)

Black (7%)



Cyan (10%)

Magenta (13%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.1611, 75.6545, 90.0509 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 74.1611, 75.6545, 90.0509 by changing the saturation by 10% instead.

74.1611, 75.6545,
90.0509

74.1611, 75.6545,
90.0509

464.0709,
480.1642, 548.7708

55.2177, 56.1492,
67.4489

124.1184,
127.2384, 149.3452

39.8105, 40.3226,
48.9856

155.8630,
160.0858, 186.8747

27.5744, 27.7902,
34.2426

192.6054,
198.1495, 230.2170

18.1439, 18.1675,
22.8011

234.7108,
241.8137, 279.7907

11.1537, 11.0703,
14.2428

282.5448,
291.4628, 336.0144

6.2383, 6.1142,
8.1491

336.4725,

3.0326, 2.9146,

347.4814, 399.3066

4.1013

396.8594,
410.2537, 470.0859

■ 1.1710, 1.0873,
1.6811

■ 0.0833, 0.0000,
0.3477

■ 74.1611, 75.6545,
90.0509

■ 74.1611, 75.6545,
90.0509

■ 64.9026, 62.1663,
87.9365

■ 84.5213, 91.0195,
92.4717

■ 56.6993, 50.4709,
86.1115

■ 90.9704, 98.2330,
93.5242

■ 49.5105, 40.4922,
84.5643

■ 92.1405, 98.8362,
93.5789

■ 43.2905, 32.1445,
83.2808

■ 37.9895, 25.3350,
82.2458

■ 33.5529, 19.9609,
81.4424

■ 29.9193, 15.9064,
80.8513

■ 27.0179, 13.0371,
80.4504

■ 24.7622, 11.1874,
80.2122

Harmonies

Analogous

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



72.5404, 75.6545, 92.4016



74.1611, 75.6545, 90.0509



75.1883, 75.6545, 85.6750

Triad

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



74.1611, 75.6545, 90.0509



73.0506, 75.6545, 73.4603



68.5918, 75.6545, 84.1960

Complementary

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



74.1611, 75.6545, 90.0509



75.6307, 81.9786, 81.6532

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.



68.7232, 75.6545, 79.1606



74.1611, 75.6545, 90.0509



71.2779, 75.6545, 73.1011

Square

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



74.1611, 75.6545, 90.0509



74.5399, 75.6545, 76.1503



69.6997, 75.6545, 75.1480



69.3375, 75.6545, 88.9298

Rectangle

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



74.1611, 75.6545, 90.0509



75.3884, 75.6545, 82.2694



69.6997, 75.6545, 75.1480



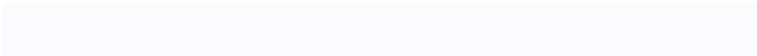
68.5351, 75.6545, 82.4804

Sweetspot

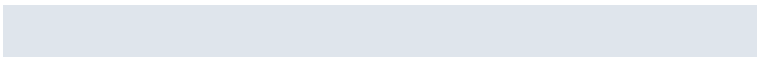
The Sweet Spot groups the original color and five complimentary colors.



74.1633, 75.6577, 90.0526



92.5836, 96.3452, 108.3246



73.6124, 77.8226, 90.4994



19.8426, 20.6601, 23.1919



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.



74.1633, 75.6577, 90.0526



86.6505, 87.6057, 106.9504



76.0593, 76.6425, 89.8131



15.3882, 15.5074, 19.1044



13.3250, 5.9052, 44.1805



1.1572, 0.5208, 3.4744

Inverse Universe

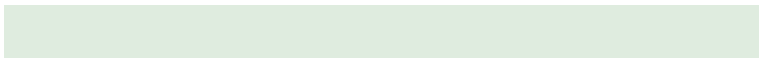
The Inverse Universe completely reimagines the original color for something new.



75.1253, 76.2688, 84.8945



88.1088, 88.5317, 99.1439



73.8075, 81.0320, 81.8732



15.6687, 15.6855, 17.6036



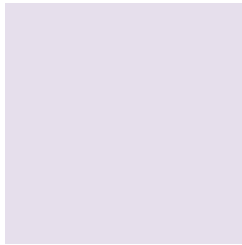
20.6519, 10.4634, 9.2340



1.6698, 0.8409, 0.9784

Previews

White Background



This preview shows how the XYZ color 74.1611, 75.6545, 90.0509 looks on a white background.

Color Contrast Check

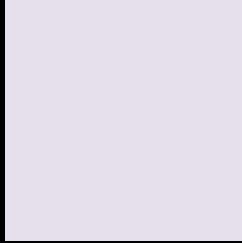
Large Text (above 18pt) WCAG AA × Fail

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 74.1611, 75.6545, 90.0509 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

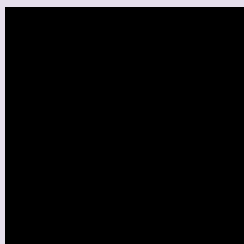
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

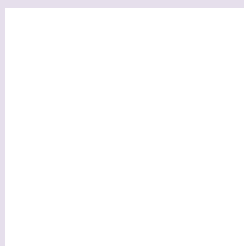
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.1611, 75.6545, 90.0509

Background



This preview shows how black text looks on a background with the XYZ color 74.1611, 75.6545, 90.0509.

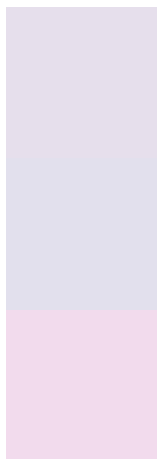


This preview shows how white text looks on a background with the XYZ color 74.1611, 75.6545,

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

74.1611, 75.6545, 90.0509

Protanopia

73.3057, 75.5945, 90.8483

Deuteranopia

77.2355, 75.6547, 90.6528



Tritanopia

74.8044, 75.5227, 93.0728

Trichromacy



Original Color

74.1611, 75.6545, 90.0509

Protanomaly

73.6203, 75.7566, 90.8631

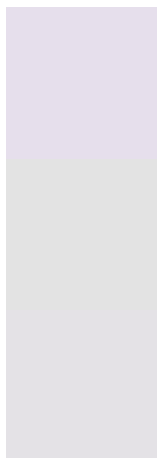
Deuteranomaly

76.1392, 75.4780, 90.6765

Tritanomaly

74.6563, 75.4635, 92.2925

Monochromacy



Original Color

74.1611, 75.6545, 90.0509

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

73.4742, 76.5999, 85.7757

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.1611, 75.6545, 90.0509 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(230, 223, 236) looks like.

```
.text, #text, p{  
    color:rgb(230, 223, 236)  
}
```

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(230, 223, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 223, 236) }
```

Border

The CSS property to change the border of an element to XYZ 74.1611, 75.6545, 90.0509 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(230, 223, 236) }
```


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

```
.border{ border-color:rgb(230, 223, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 223, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 223, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 223, 236);  
box-shadow:4px 4px 4px 4px rgb(230, 223,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 74.1611, 75.6545, 90.0509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 223, 236) }
```

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

```
.background{ background-color: rgb(230,  
223, 236) }
```

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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