

Converting Colors

XYZ(67.8869, 74.8677, 25.9844)

Have a look what the booklet for
XYZ(67.8869, 74.8677, 25.9844)
contains.

XYZ(68.0716, 75.1332, 25.9533)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(68.0716, 75.1332,
25.9533)**

Conversions

Conversions Part 1

Format	Color
Hex	F6E26F
RGB	246, 226, 111
RGB Percent	96%, 89%, 44%
CMY	0.0353, 0.1137, 0.5647
CMYK	0.00, 0.08, 0.55, 0.04
HSL	51°, 88%, 70%
HSV	51°, 55%, 96%
XYZ	68.0716, 75.1332, 25.9533
YIQ	218.8700, 48.8350, -31.5250

Conversions

Conversions Part 2

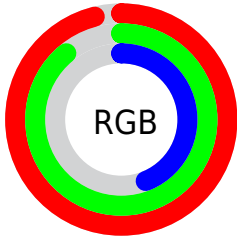
Format	Color
R _Y B	134, 246, 111
Decimal	16179823
CIE Lab	89.46, -7.20, 57.81
CIE LCh	89, 58.261, 97.099
Yxy	75.1332, 0.4024, 0.4442
Android (android.graphics.Color)	4294369903 (0xFF6E26F)
YUV	218.8700, -53.1799, 23.7930
Hunter-Lab	86.6794, -11.5083, 42.9231

Details

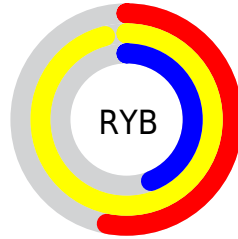
The XYZ color **68.0716, 75.1332, 25.9533** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **31.3062, 26.2651, 90.6080**, and the grayscale version is **67.5769, 71.0961, 77.4237**.

A 20% lighter version of the original color is **83.8829, 95.5332, 50.0950**, and **35.7949, 39.9860, 9.7024** is the 20% darker color. If you saturate the color by 10%, you get **65.9197, 72.7068, 19.4490**, and if you desaturate by 10%, it is **70.6211, 77.7579, 34.4316**.

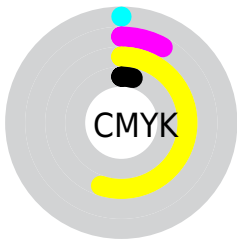
Distribution



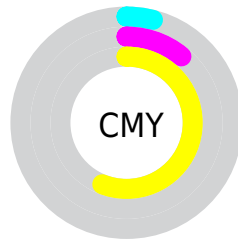
- Red (96%)
- Green (89%)
- Blue (44%)



- Red (53%)
- Yellow (96%)
- Blue (44%)



- Cyan (0%)
- Magenta (8%)
- Yellow (55%)
- Black (4%)



- Cyan (4%)
- Magenta (11%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.0716, 75.1332, 25.9533 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 68.0716, 75.1332, 25.9533 by changing the saturation by 10% instead.

68.0716, 75.1332,
25.9533

68.0716, 75.1332,
25.9533

443.1224,
478.3753, 296.1509

50.2299, 55.7220,
16.5633

115.4959,
126.5009, 54.1828

35.8146, 39.9801,
9.7649

145.8092,
159.2262, 73.8592

24.4605, 27.5230,
5.1398

181.0104,
197.1583, 97.8016

15.8022, 17.9664,
2.2694

221.4649,
240.6817, 126.4285

9.4742, 10.9259,
0.7140

267.5379,
290.1807, 160.1583

5.1113, 6.0170,
0.0000

319.5950,

2.3482, 2.8554,

346.0397, 199.4096

0.0000

378.0014,
408.6431, 244.6010

■ 0.8191, 1.0567,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 68.0716, 75.1332,
25.9533

■ 68.0716, 75.1332,
25.9533

■ 65.9197, 72.7068,
19.4490

■ 70.6211, 77.7579,
34.4316

■ 64.1285, 70.4554,
14.7485


■ 73.5907, 80.5818,
45.0261


■ 62.6629, 68.3675,
11.6606


■ 77.0078, 83.6187,
57.8713


■ 61.4780, 66.4249,
9.9485


■ 80.8954, 86.8781,
73.0890

 60.9456, 65.4723,
9.4252

 85.2753, 90.3689,
90.7926

 89.5821, 93.8652,
108.0041

 90.7124, 96.1258,
108.3808

 91.8159, 98.3327,
108.7486

Harmonies

Analogous

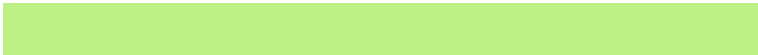
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.6389, 75.1332, 28.6440



68.0716, 75.1332, 25.9533



56.0961, 75.1332, 33.7488

Triad

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



68.0716, 75.1332, 25.9533



51.6734, 75.1332, 139.0030



99.8108, 75.1332, 116.3834

Complementary

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



68.0716, 75.1332, 25.9533



31.3062, 26.2651, 90.6080

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.



89.2888, 75.1332, 161.9265



68.0716, 75.1332, 25.9533



61.2507, 75.1332, 177.7372

Square

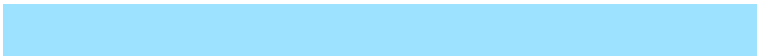
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



68.0716, 75.1332, 25.9533



47.4820, 75.1332, 91.9167



74.8596, 75.1332, 187.2896



102.2732, 75.1332, 72.4677

Rectangle

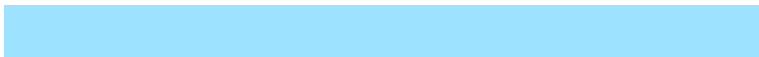
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



68.0716, 75.1332, 25.9533



50.7488, 75.1332, 46.0944



74.8596, 75.1332, 187.2896



97.0371, 75.1332, 132.3900

Sweetspot

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



68.0734, 75.1367, 25.9548



87.2657, 93.8504, 77.2679



47.8045, 32.6079, 25.3370



18.4857, 19.9286, 15.7768



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.



68.0734, 75.1367, 25.9548



71.2657, 78.5784, 20.3637



59.3121, 79.1670, 27.1945



17.6933, 18.8707, 17.5074



32.6124, 35.1103, 5.0581



2.9220, 3.1973, 0.4631

Inverse Universe

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



31.3062, 26.2651, 90.6080



27.7054, 20.7377, 97.1503



36.4694, 25.3180, 90.1531



15.7792, 16.3227, 20.8615



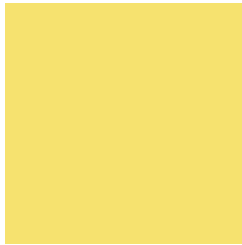
9.2840, 4.3618, 46.8906



0.8746, 0.5007, 4.1408

Previews

White Background



This preview shows how the XYZ color 68.0716, 75.1332, 25.9533 looks on a white background.

Color Contrast Check

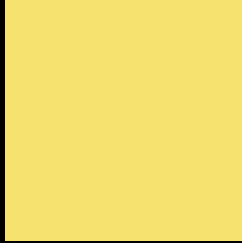
Large Text (above 18pt) WCAG AA × Fail

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 68.0716, 75.1332, 25.9533 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

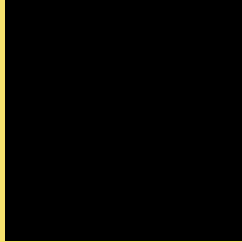
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 68.0716, 75.1332, 25.9533

Background



This preview shows how black text looks on a background with the XYZ color 68.0716, 75.1332, 25.9533.



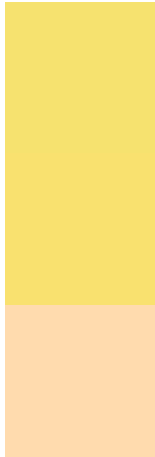
This preview shows how white text looks on a background with the XYZ color 68.0716, 75.1332,

25.9533.

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

68.0716, 75.1332, 25.9533

Protanopia

68.8614, 75.1379, 25.9126

Deuteranopia

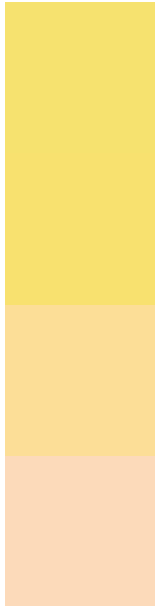
74.2115, 74.9790, 50.6054



Tritanopia

79.4294, 75.0103, 84.4208

Trichromacy



Original Color

68.0716, 75.1332, 25.9533

Protanomaly

68.5059, 74.9546, 25.8960

Deuteranomaly

71.8521, 75.1724, 40.0009

Tritanomaly

74.0792, 74.3834, 56.9074

Monochromacy



Original Color

68.0716, 75.1332, 25.9533

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

66.6726, 72.1959, 53.6012

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.0716, 75.1332, 25.9533 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(246, 226, 111)` looks like.

```
.text, #text, p{  
    color:rgb(246, 226, 111)  
}
```

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(246, 226, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 226, 111) }
```

Border

The CSS property to change the border of an element to XYZ 68.0716, 75.1332, 25.9533 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(246, 226, 111) }
```


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

```
.border{ border-color:rgb(246, 226, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 226, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 226, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 226, 111);  
box-shadow:4px 4px 4px 4px rgb(246, 226,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 68.0716, 75.1332, 25.9533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 226, 111) }
```

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

```
.background{ background-color: rgb(246,  
226, 111) }
```

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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