

Converting Colors

XYZ(66.0295, 69.6048, 32.1852)

Have a look what the booklet for
XYZ(66.0295, 69.6048, 32.1852)
contains.

XYZ(66.1903, 69.7068, 32.1565)	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(66.1903, 69.7068,
32.1565)**

Conversions

Conversions Part 1

Format	Color
Hex	F5D785
RGB	245, 215, 133
RGB Percent	96%, 84%, 52%
CMY	0.0392, 0.1568, 0.4784
CMYK	0.00, 0.12, 0.46, 0.04
HSL	44°, 85%, 74%
HSV	44°, 46%, 96%
XYZ	66.1903, 69.7068, 32.1565
YIQ	214.6220, 44.2020, -19.1420

Conversions

Conversions Part 2

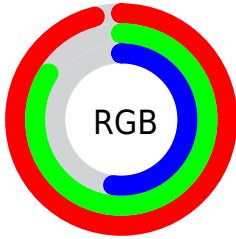
Format	Color
RYB	174, 245, 133
Decimal	16111493
CIELab	86.85, -0.14, 44.14
CIElCh	87, 44.144, 90.185
Yxy	69.7068, 0.3939, 0.4148
Android (android.graphics.Color)	4294301573 (0xFFFF5D785)
YUV	214.6220, -40.2396, 26.6415
Hunter-Lab	83.4906, -4.5960, 35.6078

Details

The XYZ color **66.1903, 69.7068, 32.1565** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **39.2512, 37.7723, 91.6081**, and the grayscale version is **64.5797, 67.9428, 73.9897**.

A 20% lighter version of the original color is **85.9696, 96.3679, 61.0835**, and **34.5495, 36.3005, 12.9703** is the 20% darker color. If you saturate the color by 10%, you get **63.0543, 65.8350, 23.7121**, and if you desaturate by 10%, it is **69.7915, 73.8771, 42.7050**.

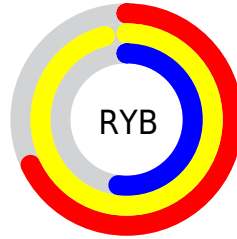
Distribution



Red (96%)

Green (84%)

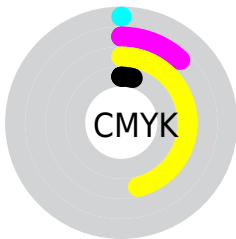
Blue (52%)



Red (68%)

Yellow (96%)

Blue (52%)

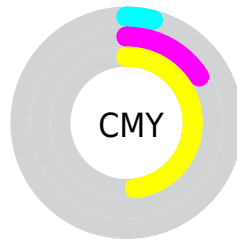


Cyan (0%)

Magenta (12%)

Yellow (46%)

Black (4%)



Cyan (4%)


Magenta (16%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.1903, 69.7068, 32.1565 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 66.1903, 69.7068, 32.1565 by changing the saturation by 10% instead.


 66.1903, 69.7068,
32.1565

 66.1903, 69.7068,
32.1565


436.5351,
459.5199, 326.3462


 48.6952, 51.2875,
21.2153


 112.8156,
118.7905, 64.1571

 34.5913, 36.4375,
13.0887


 142.6766,
150.2238, 86.0536

 23.5132, 24.7723,
7.3582


 177.3901,
186.7639, 112.4388

 15.0957, 15.9075,
3.6053

217.3217,
228.7951, 143.7314

 8.9733, 9.4587,
1.4114

262.8366,
276.7019, 180.3499

 4.7808, 5.0416,
0.1506

314.3002,

 2.1526, 2.2717,

330.8687, 222.7129

0.0000

372.0779,
391.6799, 271.2388

■ 0.7176, 0.7587,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 66.1903, 69.7068,
32.1565

■ 66.1903, 69.7068,
32.1565

■ 63.0543, 65.8350,
23.7121

■ 69.7915, 73.8771,
42.7050

■ 60.3498, 62.2391,
17.2206

■ 73.8788, 78.3477,
55.4861

■ 58.0461, 58.9084,
12.5174

■ 78.4775, 83.1325,
70.6231

■ 56.1058, 55.8264,
9.4088

■ 83.6100, 88.2416,
88.2288

■ 54.4827, 52.9734,
7.6551

■ 89.2159, 93.6520,
107.9822

■ 53.8540, 51.8082,
7.1616

■ 91.2667, 97.7536,
108.6658

■ 91.4661, 98.1525,
108.7323

Harmonies

Analogous

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



76.5898, 69.7068, 36.5769



66.1903, 69.7068, 32.1565



56.7930, 69.7068, 36.6896

Triad

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



66.1903, 69.7068, 32.1565



50.5765, 69.7068, 108.1141



84.9525, 69.7068, 107.7131

Complementary

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



66.1903, 69.7068, 32.1565



39.2512, 37.7723, 91.6081

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.



76.7119, 69.7068, 136.1942



66.1903, 69.7068, 32.1565



56.8930, 69.7068, 136.4648

Square

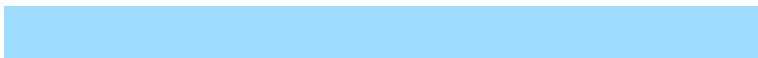
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



66.1903, 69.7068, 32.1565



48.3680, 69.7068, 76.0821



66.3182, 69.7068, 147.8612



88.0819, 69.7068, 75.7159

Rectangle

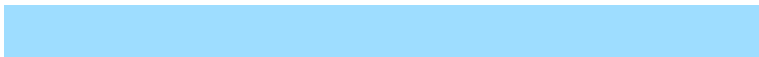
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



66.1903, 69.7068, 32.1565



52.1850, 69.7068, 45.0827



66.3182, 69.7068, 147.8612



82.6489, 69.7068, 118.2852

Sweetspot

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



66.1920, 69.7101, 32.1579



86.8512, 91.9612, 80.3978



52.8115, 38.8952, 40.1951



18.3417, 19.4318, 16.3720



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.



66.1920, 69.7101, 32.1579



69.2466, 72.3450, 26.4586



66.6240, 82.3287, 34.5708



17.5174, 18.5188, 17.4488



29.1323, 28.1502, 3.8981



2.6448, 2.6428, 0.3707

Inverse Universe

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



39.2512, 37.7723, 91.6081



36.3660, 33.4051, 99.1389



38.8264, 30.5635, 90.2391



15.9421, 16.6486, 20.9158



10.0132, 5.8201, 47.1337



0.9613, 0.6741, 4.1697

Previews

White Background



This preview shows how the XYZ color 66.1903, 69.7068, 32.1565 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 66.1903, 69.7068, 32.1565 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

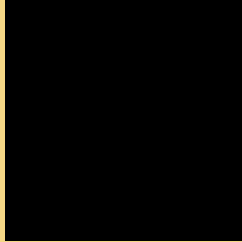
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.1903, 69.7068, 32.1565

Background



This preview shows how black text looks on a background with the XYZ color 66.1903, 69.7068, 32.1565.



This preview shows how white text looks on a background with the XYZ color 66.1903, 69.7068,

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

66.1903, 69.7068, 32.1565

Protanopia

64.6344, 70.0412, 32.6670

Deuteranopia

70.2030, 69.7197, 40.7675



Tritanopia

75.3842, 69.4239, 77.1371

Trichromacy



Original Color

66.1903, 69.7068, 32.1565

Protanomaly

65.3916, 70.0477, 32.6283

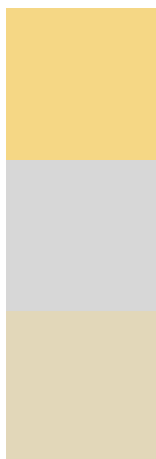
Deuteranomaly

68.5936, 69.7028, 37.4425

Tritanomaly

71.4166, 69.2518, 57.1798

Monochromacy



Original Color

66.1903, 69.7068, 32.1565

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

64.4214, 68.2724, 55.6815

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.1903, 69.7068, 32.1565 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(245, 215, 133)` looks like.

```
.text, #text, p{  
    color:rgb(245, 215, 133)  
}
```

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(245, 215, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 215, 133) }
```

Border

The CSS property to change the border of an element to XYZ 66.1903, 69.7068, 32.1565 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(245, 215, 133) }
```


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

```
.border{ border-color:rgb(245, 215, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 215, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 215, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 215, 133);  
box-shadow:4px 4px 4px 4px rgb(245, 215,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 66.1903, 69.7068, 32.1565 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 215, 133) }
```

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

```
.background{ background-color: rgb(245,  
215, 133) }
```

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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