

Converting Colors

XYZ(65.1740, 73.8354, 10.8166)

Have a look what the booklet for
XYZ(65.1740, 73.8354, 10.8166)
contains.

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Color

**XYZ(65.2024, 73.9855,
10.8441)**

Conversions

Conversions Part 1

Format	Color
Hex	F6E200
RGB	246, 226, 0
RGB Percent	96%, 89%, 0%
CMY	0.0353, 0.1137, 0.9999
CMYK	0.00, 0.08, 1.00, 0.04
HSL	55°, 100%, 48%
HSV	55°, 100%, 96%
XYZ	65.2024, 73.9855, 10.8441
YIQ	206.2160, 84.4660, -66.0460

Conversions

Conversions Part 2

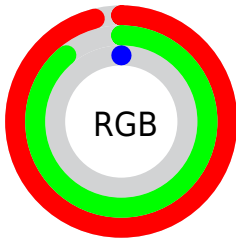
Format	Color
R _Y B	22, 246, 0
Decimal	16179712
CIE Lab	88.92, -11.25, 88.18
CIE LCh	89, 88.898, 97.270
Yxy	73.9855, 0.4346, 0.4931
Android (android.graphics.Color)	4294369792 (0xFF6E200)
YUV	206.2160, -101.6645, 34.8906
Hunter-Lab	86.0148, -15.2164, 52.7355

Details

The XYZ color **65.2024, 73.9855, 10.8441** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light saturated yellow. A complement of this color would be **16.8854, 7.1551, 87.6793**, and the grayscale version is **59.4022, 62.4957, 68.0578**.

A 20% lighter version of the original color is **78.8455, 93.5182, 23.5681**, and **34.5705, 39.4401, 5.7906** is the 20% darker color. If you saturate the color by 10%, you get **65.2032, 73.9876, 10.8445**, and if you desaturate by 10%, it is **65.9223, 75.1514, 11.9302**.

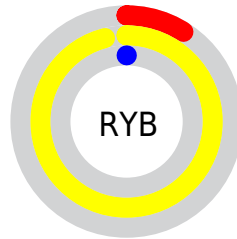
Distribution



Red (96%)

Green (89%)

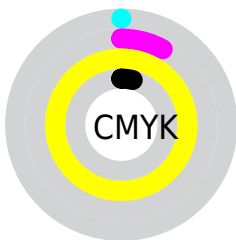
Blue (0%)



Red (9%)

Yellow (96%)

Blue (0%)

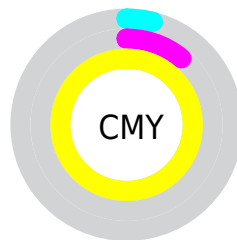


Cyan (0%)

Magenta (8%)

Yellow (100%)

Black (4%)



Cyan (4%)

Magenta (11%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.2024, 73.9855, 10.8441 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 65.2024, 73.9855, 10.8441 by changing the saturation by 10% instead.

65.2024, 73.9855,
10.8441

65.2024, 73.9855,
10.8441

433.0527,
474.4233, 207.2937

47.8905, 54.7822,
5.8492

111.4049,
124.8753, 28.0038

33.9511, 39.2273,
2.6863

141.0262,
157.3305, 41.0056

23.0187, 26.9366,
0.9365

175.4814,
194.9718, 57.5136

14.7281, 17.5256,
0.0000

215.1358,
238.1835, 77.9462

8.7139, 10.6100,
0.0000

260.3548,
287.3502, 102.7220

4.6106, 5.8052,
0.0000

311.5037,

2.0531, 2.7270,

342.8561, 132.2595

0.0000

368.9479,
405.0857, 166.9772

■ 0.6635, 0.9909,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 65.2024, 73.9855,
10.8441

■ 65.2024, 73.9855,
10.8441

■ 65.2032, 73.9876,
10.8445

■ 65.9223, 75.1514,
11.9302

■ 66.8634, 76.4131,
14.1565

■ 68.0942, 77.8009,
17.8769

■ 69.6549, 79.3310,
23.3034

■ 71.5795, 81.0168,
30.6142

■ 73.8975, 82.8703,
39.9647

■ 76.6354, 84.9022,
51.4946

■ 79.8173, 87.1220,
65.3310

■ 83.4657, 89.5388,
81.5913

Harmonies

Analogous

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



87.5928, 73.9855, 13.1643



65.2024, 73.9855, 10.8441



48.0782, 73.9855, 18.1872

Triad

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



65.2024, 73.9855, 10.8441



42.2123, 73.9855, 176.0102



115.9257, 73.9855, 135.7145

Complementary

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



65.2024, 73.9855, 10.8441



16.8854, 7.1551, 87.6793

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.



98.5430, 73.9855, 216.8563



65.2024, 73.9855, 10.8441



55.4834, 73.9855, 247.2612

Square

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



65.2024, 73.9855, 10.8441



36.6838, 73.9855, 96.5418



75.7007, 73.9855, 265.1403



120.0018, 73.9855, 66.4429

Rectangle

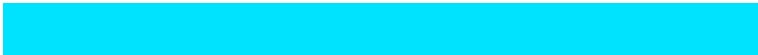
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



65.2024, 73.9855, 10.8441



40.8855, 73.9855, 31.8933



75.7007, 73.9855, 265.1403



111.2948, 73.9855, 163.3486

Sweetspot

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



65.2041, 73.9890, 10.8456



83.1345, 92.1111, 55.7807



38.1371, 19.6458, 2.4687



17.5136, 19.5112, 10.7460



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.



65.2041, 73.9890, 10.8456



70.7407, 80.2613, 11.7636



44.3723, 71.7966, 11.5204



17.7927, 19.0695, 17.5406



34.8527, 39.5911, 5.8049



3.0967, 3.5466, 0.5213

Inverse Universe

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



16.8854, 7.1551, 87.6793



18.3132, 7.7463, 95.1377



22.1731, 9.5096, 87.8550



15.6894, 16.1431, 20.8316



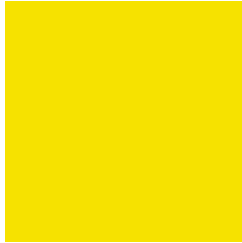
9.0516, 3.8969, 46.8131



0.8321, 0.4156, 4.1266

Previews

White Background



This preview shows how the XYZ color 65.2024, 73.9855, 10.8441 looks on a white background.

Color Contrast Check

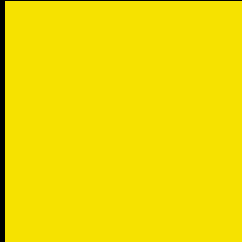
Large Text (above 18pt) WCAG AA × Fail

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 65.2024, 73.9855, 10.8441 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 65.2024, 73.9855, 10.8441

Background



This preview shows how black text looks on a background with the XYZ color 65.2024, 73.9855, 10.8441.

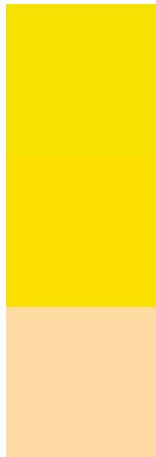


This preview shows how white text looks on a background with the XYZ color 65.2024, 73.9855,

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

65.2024, 73.9855, 10.8441

Protanopia

66.8005, 74.0068, 10.7640

Deuteranopia

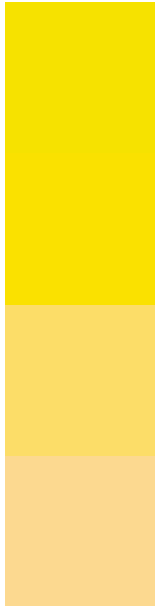
72.9223, 74.0472, 45.0994



Tritanopia

78.5110, 73.8380, 82.0657

Trichromacy



Original Color

65.2024, 73.9855, 10.8441

Protanomaly

66.3496, 74.1744, 10.8201

Deuteranomaly

68.5000, 73.4078, 23.6555

Tritanomaly

69.9918, 72.3348, 36.6586

Monochromacy



Original Color

65.2024, 73.9855, 10.8441

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

57.7098, 64.5993, 30.9000

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.2024, 73.9855, 10.8441 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, 0)` looks like.

```
.text, #text, p{  
    color:rgb(246, 226, 0)  
}
```

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, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 226, 0) }
```

Border

The CSS property to change the border of an element to XYZ 65.2024, 73.9855, 10.8441 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, 0) }
```


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

```
.border{ border-color:rgb(246, 226, 0) }
```

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, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 226, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 226, 0);  
box-shadow:4px 4px 4px 4px rgb(246, 226,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 65.2024, 73.9855, 10.8441 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, 0) }
```

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

```
.background{ background-color: rgb(246,  
226, 0) }
```

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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