

Converting Colors

XYZ(10.6389, 13.7060, 2.0848)

Have a look what the booklet for
XYZ(10.6389, 13.7060, 2.0848)
contains.

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Color

**XYZ(10.7215, 13.8045,
2.0995)**

Conversions

Conversions Part 1

Format	Color
Hex	636E00
RGB	99, 110, 0
RGB Percent	39%, 43%, 0%
CMY	0.6118, 0.5686, 1.0000
CMYK	0.10, 0.00, 1.00, 0.57
HSL	66°, 100%, 22%
HSV	66°, 100%, 43%
XYZ	10.7215, 13.8045, 2.0995
YIQ	94.1710, 28.7540, -36.5420

Conversions

Conversions Part 2

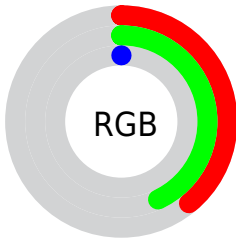
Format	Color
RYB	0, 110, 11
Decimal	6516224
CIELab	43.95, -16.82, 49.73
CIELCh	44, 52.501, 108.688
Yxy	13.8045, 0.4027, 0.5185
Android (android.graphics.Color)	4284706304 (0xFF636E00)
YUV	94.1710, -46.4263, 4.2350
Hunter-Lab	37.1544, -13.5112, 22.6578

Details

The XYZ color **10.7215, 13.8045, 2.0995** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **2.9529, 1.1973, 14.8282**, and the grayscale version is **10.7821, 11.3436, 12.3532**.

A 20% lighter version of the original color is **26.7240, 32.5990, 9.2986**, and **2.9964, 4.1834, 0.6495** is the 20% darker color. If you saturate the color by 10%, you get **10.7217, 13.8051, 2.0996**, and if you desaturate by 10%, it is **10.9033, 13.8917, 2.4236**.

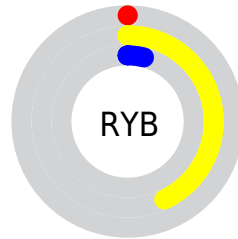
Distribution



Red (39%)

Green (43%)

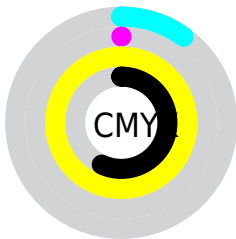
Blue (0%)



Red (0%)

Yellow (43%)

Blue (4%)

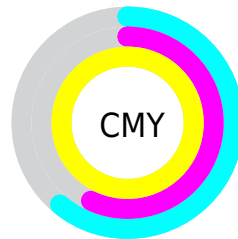


Cyan (10%)

Magenta (0%)

Yellow (100%)

Black (57%)



Cyan (61%)

Magenta (57%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.7215, 13.8045, 2.0995 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 10.7215, 13.8045, 2.0995 by changing the saturation by 10% instead.

■ 10.7215, 13.8045,
2.0995

■ 10.7215, 13.8045,
2.0995

189.6948,
216.0112, 123.9032

■ 5.9458, 7.9848,
0.6155

■ 26.7816, 32.7417,
9.3111

■ 2.8525, 4.0852,
0.0000

■ 38.7966, 46.6281,
15.9161

■ 1.0762, 1.7214,
0.0000

■ 53.9555, 63.9721,
25.0786

■ 0.0051, 0.4374,
0.0000


■ 72.6236, 85.1582,
37.2172


■ 0.0000, 0.0000,
0.0000


■ 95.1662, 110.5708,
52.7504


■ 121.9487,


140.5942, 72.0968


 153.3364,
175.6129, 95.6749


 10.7215, 13.8045,
2.0995


 10.7215, 13.8045,
2.0995


 10.7217, 13.8051,
2.0996

 10.9033, 13.8917,
2.4236

 11.1104, 13.9887,
2.8740

 11.3645, 14.1047,
3.5630

 11.6707, 14.2418,
4.5176

 12.0334, 14.4016,
5.7612

■ 12.4566, 14.5858,
7.3146

■ 12.9439, 14.7959,
9.1967

■ 13.4985, 15.0331,
11.4250

■ 14.1237, 15.2986,
14.0156

Harmonies

Analogous

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



14.7528, 13.8045, 1.9008



10.7215, 13.8045, 2.0995



7.9839, 13.8045, 4.4140

Triad

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



10.7215, 13.8045, 2.0995



8.5178, 13.8045, 39.6323



22.6287, 13.8045, 19.9857

Complementary

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



10.7215, 13.8045, 2.0995



2.9529, 1.1973, 14.8282

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.



20.0911, 13.8045, 35.7872



10.7215, 13.8045, 2.0995



11.6138, 13.8045, 50.5321

Square

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



10.7215, 13.8045, 2.0995



6.9096, 13.8045, 23.6286



15.8537, 13.8045, 48.8399



22.2479, 13.8045, 8.8216

Rectangle

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



10.7215, 13.8045, 2.0995



6.9916, 13.8045, 8.1487



15.8537, 13.8045, 48.8399



22.0703, 13.8045, 24.9861

Sweetspot

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



10.7218, 13.8051, 2.0998



22.6573, 25.9515, 15.8614



6.5506, 3.5547, 0.3411



5.2080, 6.0113, 3.4393



54.2243, 57.0482, 62.1254



6.0569, 6.3724, 6.9395

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



10.7218, 13.8051, 2.0998



18.7722, 24.2141, 3.6844



6.6153, 11.6881, 1.9076



3.6106, 3.9001, 3.6358



12.8658, 16.5763, 2.5214



63.6780, 82.3612, 12.5411

Inverse Universe

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



2.9529, 1.1973, 14.8282



5.1283, 2.0728, 26.0370



5.0618, 2.2845, 14.9269



3.2457, 3.3150, 4.2230



3.5325, 1.4305, 17.8115



17.2372, 6.9405, 88.7103

Previews

White Background



This preview shows how the XYZ color 10.7215, 13.8045, 2.0995 looks on a white background.

Color Contrast Check

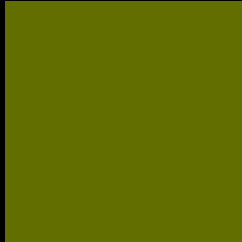
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 10.7215, 13.8045, 2.0995 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 10.7215, 13.8045, 2.0995

Background



This preview shows how black text looks on a background with the XYZ color 10.7215, 13.8045, 2.0995.



This preview shows how white text looks on a background with the XYZ color 10.7215, 13.8045,

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

10.7215, 13.8045, 2.0995

Protanopia

12.2864, 13.6825, 1.9934

Deuteranopia

13.9311, 13.7926, 2.5003



Tritanopia

13.6292, 13.7543, 16.6884

Trichromacy



Original Color

10.7215, 13.8045, 2.0995

Protanomaly

11.5844, 13.6231, 2.0189

Deuteranomaly

12.5184, 13.6466, 2.2909

Tritanomaly

11.8660, 13.4884, 7.7725

Monochromacy



Original Color

10.7215, 13.8045, 2.0995

Achromatopsia

10.6392, 11.1932, 12.1894

Achromatomaly

10.1967, 11.9274, 6.0398

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.7215, 13.8045, 2.0995 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(99, 110, 0)` looks like.

```
.text, #text, p{  
    color:rgb(99, 110, 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(99, 110, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 110, 0) }
```

Border

The CSS property to change the border of an element to XYZ 10.7215, 13.8045, 2.0995 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(99, 110, 0) }
```


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

```
.border{ border-color:rgb(99, 110, 0) }
```

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

Here you see how a box with a 4 pixel rgb(99, 110, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 110, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 110, 0);  
box-shadow:4px 4px 4px 4px rgb(99, 110, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 10.7215, 13.8045, 2.0995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 110, 0) }
```

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

```
.background{ background-color: rgb(99, 110,  
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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