

Converting Colors

XYZ(9.9199, 13.4603, 1.0363)

Have a look what the booklet for
XYZ(9.9199, 13.4603, 1.0363)
contains.

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Color

**XYZ(10.0901, 13.4790,
2.0699)**

Conversions

Conversions Part 1

Format	Color
Hex	5D6E00
RGB	93, 110, 0
RGB Percent	36%, 43%, 0%
CMY	0.6353, 0.5686, 1.0000
CMYK	0.15, 0.00, 1.00, 0.57
HSL	69°, 100%, 22%
HSV	69°, 100%, 43%
XYZ	10.0901, 13.4790, 2.0699
YIQ	92.3770, 25.1780, -37.8140

Conversions

Conversions Part 2

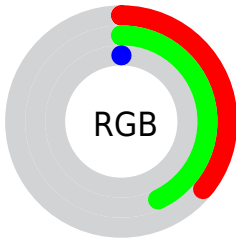
Format	Color
RYB	0, 110, 17
Decimal	6123008
CIELab	43.48, -19.61, 49.17
CIELCh	43, 52.935, 111.748
Yxy	13.4790, 0.3935, 0.5257
Android (android.graphics.Color)	4284313088 (0xFF5D6E00)
YUV	92.3770, -45.5419, 0.5464
Hunter-Lab	36.7138, -15.1916, 22.3569

Details

The XYZ color **10.0901, 13.4790, 2.0699** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **3.0460, 1.2452, 14.8325**, and the grayscale version is **10.3582, 10.8977, 11.8676**.

A 20% lighter version of the original color is **25.6167, 32.2886, 9.2971**, and **2.6775, 3.9375, 0.6189** is the 20% darker color. If you saturate the color by 10%, you get **10.0903, 13.4796, 2.0700**, and if you desaturate by 10%, it is **10.3249, 13.5935, 2.3964**.

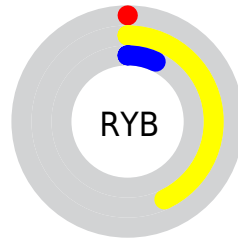
Distribution



Red (36%)

Green (43%)

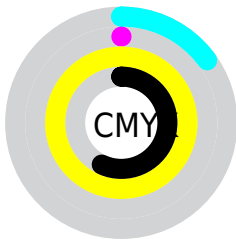
Blue (0%)



Red (0%)

Yellow (43%)

Blue (7%)

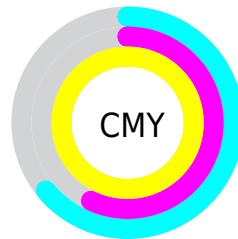


Cyan (15%)

Magenta (0%)

Yellow (100%)

Black (57%)



Cyan (64%)

Magenta (57%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.0901, 13.4790, 2.0699 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 10.0901, 13.4790, 2.0699 by changing the saturation by 10% instead.

10.0901, 13.4790,
2.0699

10.0901, 13.4790,
2.0699

185.3541,
213.9651, 123.4529

5.5215, 7.7592,
0.5978

25.6130, 32.1617,
9.2310

2.5942, 3.9413,
0.0000

37.2979, 45.8934,
15.8016

0.9430, 1.6408,
0.0000

52.0857, 63.0645,
24.9235

0.0000, 0.3848,
0.0000


70.3416, 84.0594,
37.0154


0.0000, 0.0000,
0.0000


92.4311, 109.2625,
52.4957


118.7194,


139.0583, 71.7831


 149.5720,
173.8310, 95.2959


 10.0901, 13.4790,
2.0699


 10.0901, 13.4790,
2.0699


 10.0903, 13.4796,
2.0700

 10.3249, 13.5935,
2.3964

 10.5872, 13.7190,
2.8494

 10.8987, 13.8646,
3.5411

 11.2646, 14.0324,
4.4984

 11.6892, 14.2241,
5.7448

■ 12.1766, 14.4414,
7.3012

■ 12.7303, 14.6858,
9.1864

■ 13.3538, 14.9584,
11.4178

■ 14.0501, 15.2607,
14.0117

Harmonies

Analogous

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



13.9845, 13.4790, 1.7175



10.0901, 13.4790, 2.0699



7.5351, 13.4790, 4.6229

Triad

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



10.0901, 13.4790, 2.0699



8.4993, 13.4790, 40.7380



22.3796, 13.4790, 18.1862

Complementary

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



10.0901, 13.4790, 2.0699



3.0460, 1.2452, 14.8325

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.



20.1088, 13.4790, 33.7244



10.0901, 13.4790, 2.0699



11.7058, 13.4790, 50.6173

Square

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



10.0901, 13.4790, 2.0699



6.7635, 13.4790, 24.8112



15.9826, 13.4790, 47.5268



21.6867, 13.4790, 7.7630

Rectangle

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



10.0901, 13.4790, 2.0699



6.6559, 13.4790, 8.6467



15.9826, 13.4790, 47.5268



21.9228, 13.4790, 23.0078

Sweetspot

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



10.0904, 13.4796, 2.0702



22.2730, 25.7534, 15.8434



6.6237, 3.7009, 0.3654



5.1100, 5.9608, 3.4347



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.



10.0904, 13.4796, 2.0702



17.6392, 23.6301, 3.6314



6.3944, 11.5742, 1.8972



3.5937, 3.8914, 3.6350



12.1015, 16.1823, 2.4857



59.6947, 80.3078, 12.3547

Inverse Universe

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



3.0460, 1.2452, 14.8325



5.2753, 2.1485, 26.0439



5.4504, 2.4847, 14.9450



3.2612, 3.3230, 4.2237



3.6405, 1.4862, 17.8166



17.6506, 7.1536, 88.7296

Previews

White Background



This preview shows how the XYZ color 10.0901, 13.4790, 2.0699 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 10.0901, 13.4790, 2.0699 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

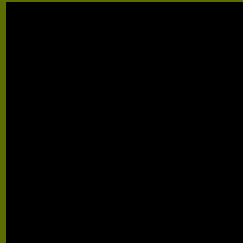
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 10.0901, 13.4790, 2.0699

Background



This preview shows how black text looks on a background with the XYZ color 10.0901, 13.4790, 2.0699.



This preview shows how white text looks on a background with the XYZ color 10.0901, 13.4790,

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

10.0901, 13.4790, 2.0699

Protanopia

12.0527, 13.4135, 1.9538

Deuteranopia

13.4455, 13.2635, 2.4676



Tritanopia

13.0453, 13.4533, 16.6610

Trichromacy



Original Color

10.0901, 13.4790, 2.0699

Protanomaly

11.3384, 13.4962, 2.0074

Deuteranomaly

12.0202, 13.2423, 2.2703

Tritanomaly

11.3027, 13.1980, 7.7461

Monochromacy



Original Color

10.0901, 13.4790, 2.0699

Achromatopsia

10.1725, 10.7023, 11.6548

Achromatomaly

9.6649, 11.5148, 5.8508

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.0901, 13.4790, 2.0699 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(93, 110, 0)` looks like.

```
.text, #text, p{  
    color:rgb(93, 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(93, 110, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 110, 0) }
```

Border

The CSS property to change the border of an element to XYZ 10.0901, 13.4790, 2.0699 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(93, 110, 0) }
```


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

```
.border{ border-color:rgb(93, 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(93, 110, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 110, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 110, 0);  
box-shadow:4px 4px 4px 4px rgb(93, 110, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 10.0901, 13.4790, 2.0699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 110, 0) }
```

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

```
.background{ background-color: rgb(93, 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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