

Converting Colors

XYZ(10.6303, 12.2417, 1.8026)

Have a look what the booklet for
XYZ(10.6303, 12.2417, 1.8026)
contains.

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Color

**XYZ(10.6206, 12.2401,
1.8028)**

Conversions

Conversions Part 1

Format	Color
Hex	6B6400
RGB	107, 100, 0
RGB Percent	42%, 39%, 0%
CMY	0.5804, 0.6078, 1.0000
CMYK	0.00, 0.07, 1.00, 0.58
HSL	56°, 100%, 21%
HSV	56°, 100%, 42%
XYZ	10.6206, 12.2401, 1.8028
YIQ	90.6930, 36.2720, -29.6160

Conversions

Conversions Part 2

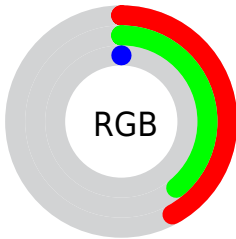
Format	Color
R_{YB}	7, 107, 0
Decimal	7037952
CIE Lab	41.60, -7.43, 48.33
CIE LCh	42, 48.894, 98.737
Yxy	12.2401, 0.4306, 0.4963
Android (android.graphics.Color)	4285228032 (0xFF6B6400)
YUV	90.6930, -44.7116, 14.3012
Hunter-Lab	34.9859, -7.0383, 21.4349

Details

The XYZ color **10.6206, 12.2401, 1.8028** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **2.7299, 1.2136, 14.0003**, and the grayscale version is **9.9670, 10.4861, 11.4194**.

A 20% lighter version of the original color is **26.7563, 30.1304, 8.5432**, and **2.8947, 3.4506, 0.5135** is the 20% darker color. If you saturate the color by 10%, you get **10.6208, 12.2406, 1.8029**, and if you desaturate by 10%, it is **10.7470, 12.3990, 2.1345**.

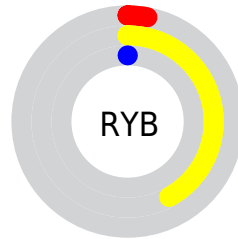
Distribution



Red (42%)

Green (39%)

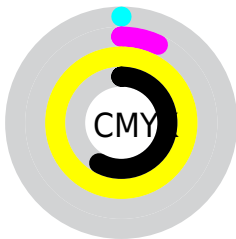
Blue (0%)



Red (3%)

Yellow (42%)

Blue (0%)

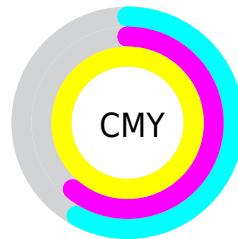


Cyan (0%)

Magenta (7%)

Yellow (100%)

Black (58%)



Cyan (58%)


Magenta (61%)


Yellow (100%)


Brightness & Saturation Gradients

These gradients show how the XYZ color 10.6206, 12.2401, 1.8028 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 10.6206, 12.2401, 1.8028 by changing the saturation by 10% instead.


 10.6206, 12.2401,
1.8028

 10.6206, 12.2401,
1.8028


 189.0084,
205.9884, 119.2354

 5.8777, 6.9074,
0.4298


 26.5956, 29.9316,
8.4943


 2.8108, 3.4043,
0.0000

 38.5585, 43.0593,
14.7426


 1.0545, 1.3463,
0.0000

 53.6588, 59.5541,
23.4839

 0.0000, 0.1766,
0.0000


 72.2618, 79.8003,
35.1368


 0.0000, 0.0000,
0.0000


 94.7329, 104.1825,
50.1199


 121.4375,


133.0850, 68.8517


 152.7408,
166.8922, 91.7506


 10.6206, 12.2401,
1.8028


 10.6206, 12.2401,
1.8028


 10.6208, 12.2406,
1.8029

 10.7470, 12.3990,
2.1345

 10.8954, 12.5671,
2.5808

 11.0870, 12.7535,
3.2513

 11.3264, 12.9599,
4.1713

 11.6180, 13.1881,
5.3626

■ 11.9653, 13.4395,
6.8446

■ 12.3717, 13.7155,
8.6349

■ 12.8403, 14.0173,
10.7497

■ 13.3739, 14.3461,
13.2043

Harmonies

Analogous

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



14.3089, 12.2401, 2.1119



10.6206, 12.2401, 1.8028



7.8408, 12.2401, 3.1142

Triad

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



10.6206, 12.2401, 1.8028



7.0536, 12.2401, 29.8314



19.2876, 12.2401, 21.8172

Complementary

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



10.6206, 12.2401, 1.8028



2.7299, 1.2136, 14.0003

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.



16.4871, 12.2401, 35.3359



10.6206, 12.2401, 1.8028



9.3149, 12.2401, 41.3797

Square

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



10.6206, 12.2401, 1.8028



6.0765, 12.2401, 16.5471



12.7096, 12.2401, 43.7910



19.8364, 12.2401, 10.5550

Rectangle

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



10.6206, 12.2401, 1.8028



6.6917, 12.2401, 5.4991



12.7096, 12.2401, 43.7910



18.5544, 12.2401, 26.3768

Sweetspot

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



10.6209, 12.2407, 1.8030



22.0869, 24.5157, 15.1665



6.1026, 3.1416, 0.4897



5.2878, 5.8949, 3.4126



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.



10.6209, 12.2407, 1.8030



18.9841, 21.8507, 3.2170



7.1598, 11.4960, 1.8417



3.3170, 3.5513, 3.3281



12.9124, 14.8746, 2.1905



65.5478, 75.2992, 11.0795

Inverse Universe

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



2.7299, 1.2136, 14.0003



4.8516, 2.0999, 25.0573



3.7973, 1.6511, 14.0285



2.9629, 3.0540, 3.8682



3.3118, 1.4580, 17.0291



16.6363, 6.9512, 86.6911

Previews

White Background



This preview shows how the XYZ color 10.6206, 12.2401, 1.8028 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



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

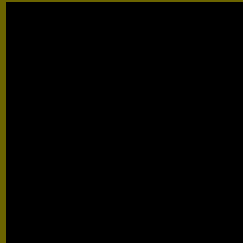
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 10.6206, 12.2401, 1.8028

Background



This preview shows how black text looks on a background with the XYZ color 10.6206, 12.2401, 1.8028.



This preview shows how white text looks on a background with the XYZ color 10.6206, 12.2401,

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

10.6206, 12.2401, 1.8028

Protanopia

11.0174, 12.3032, 1.7941

Deuteranopia

12.3058, 12.1455, 2.1112



Tritanopia

13.0247, 12.2595, 13.7364

Trichromacy



Original Color

10.6206, 12.2401, 1.8028

Protanomaly

10.8922, 12.2387, 1.7882

Deuteranomaly

11.7034, 12.2370, 2.0036

Tritanomaly

11.6638, 12.1154, 6.5742

Monochromacy



Original Color

10.6206, 12.2401, 1.8028

Achromatopsia

9.9438, 10.4616, 11.3927

Achromatomaly

9.6962, 10.8523, 5.5866

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.6206, 12.2401, 1.8028 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(107, 100, 0)` looks like.

```
.text, #text, p{  
    color:rgb(107, 100, 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(107, 100, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 100, 0) }
```

Border

The CSS property to change the border of an element to XYZ 10.6206, 12.2401, 1.8028 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(107, 100, 0) }
```


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

```
.border{ border-color:rgb(107, 100, 0) }
```

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

Here you see how a box with a 4 pixel rgb(107, 100, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 100, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 100, 0);  
box-shadow:4px 4px 4px 4px rgb(107, 100,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 10.6206, 12.2401, 1.8028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 100, 0) }
```

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

```
.background{ background-color: rgb(107,  
100, 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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