

Converting Colors

XYZ(12.5712, 11.0166, 1.4638)

Have a look what the booklet for
XYZ(12.5712, 11.0166, 1.4638)
contains.

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Color

**XYZ(12.6090, 11.0920,
1.4764)**

Conversions

Conversions Part 1

Format	Color
Hex	845300
RGB	132, 83, 0
RGB Percent	52%, 33%, 0%
CMY	0.4824, 0.6745, 1.0000
CMYK	0.00, 0.37, 1.00, 0.48
HSL	38°, 100%, 26%
HSV	38°, 100%, 52%
XYZ	12.6090, 11.0920, 1.4764
YIQ	88.1890, 55.8470, -15.4250

Conversions

Conversions Part 2

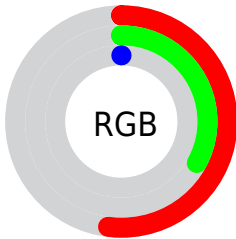
Format	Color
RYB	78, 132, 0
Decimal	8672000
CIELab	39.73, 14.77, 48.40
CIELCh	40, 50.606, 73.031
Yxy	11.0920, 0.5008, 0.4406
Android (android.graphics.Color)	4286862080 (0xFF845300)
YUV	88.1890, -43.4772, 38.4222
Hunter-Lab	33.3047, 9.2962, 20.6849

Details

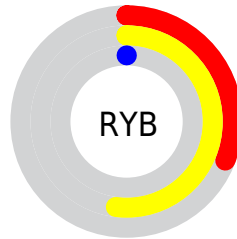
The XYZ color **12.6090, 11.0920, 1.4764** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **5.2632, 3.8626, 22.2979**, and the grayscale version is **9.4011, 9.8907, 10.7709**.

A 20% lighter version of the original color is **30.2003, 27.7352, 7.5031**, and **3.7537, 2.9640, 0.3743** is the 20% darker color. If you saturate the color by 10%, you get **12.6091, 11.0924, 1.4765**, and if you desaturate by 10%, it is **13.0715, 11.8987, 1.9954**.

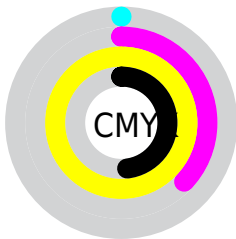
Distribution



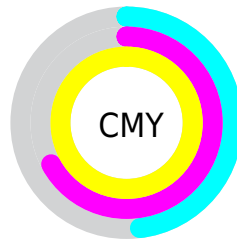
- Red (52%)
- Green (33%)
- Blue (0%)



- Red (31%)
- Yellow (52%)
- Blue (0%)



- Cyan (0%)
- Magenta (37%)
- Yellow (100%)
- Black (48%)



- Cyan (48%)
- Magenta (67%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 12.6090, 11.0920, 1.4764 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 12.6090, 11.0920, 1.4764 by changing the saturation by 10% instead.

■ 12.6090, 11.0920,
1.4764

■ 12.6090, 11.0920,
1.4764

■ 202.0850,
198.2976, 113.6284

■ 7.2350, 6.1287,
0.2003

■ 30.2069, 27.8302,
7.5524

■ 3.6571, 2.9235,
0.0000

■ 43.1614, 40.3739,
13.3733

■ 1.5100, 1.0919,
0.0000

■ 59.3735, 56.2132,
21.6076

■ 0.3327, 0.0000,
0.0000


■ 79.2086, 75.7325,
32.6738


■ 0.0000, 0.0000,
0.0000


■ 103.0319, 99.3162,
46.9905


■ 131.2088,


127.3487, 64.9761


 164.1048,
160.2144, 87.0492


 12.6090, 11.0920,
1.4764


 12.6090, 11.0920,
1.4764


 12.6091, 11.0924,
1.4765

 13.0715, 11.8987,
1.9954

 13.6038, 12.7761,
2.7501

 14.2319, 13.7359,
3.8735

 14.9646, 14.7824,
5.4091

 15.8094, 15.9194,
7.3943

■ 16.7730, 17.1503,
9.8623

■ 17.8617, 18.4784,
12.8432

■ 19.0810, 19.9065,
16.3645

■ 20.4362, 21.4377,
20.4517

Harmonies

Analogous

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



16.2011, 11.0920, 3.1754



12.6090, 11.0920, 1.4764



9.1106, 11.0920, 1.3944

Triad

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



12.6090, 11.0920, 1.4764



5.2927, 11.0920, 16.9109



15.7739, 11.0920, 32.0830

Complementary

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



12.6090, 11.0920, 1.4764



5.2632, 3.8626, 22.2979

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.



12.1174, 11.0920, 41.8352



12.6090, 11.0920, 1.4764



6.3839, 11.0920, 30.3377

Square

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



12.6090, 11.0920, 1.4764



5.3679, 11.0920, 7.3207



8.7153, 11.0920, 41.0632



18.2851, 11.0920, 18.5456

Rectangle

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



12.6090, 11.0920, 1.4764



7.3120, 11.0920, 2.1039



8.7153, 11.0920, 41.0632



14.6073, 11.0920, 36.1760

Sweetspot

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



12.6092, 11.0926, 1.4766



31.3273, 32.3868, 22.2409



10.1045, 5.1411, 3.5459



7.1277, 7.3400, 4.7172



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



12.6092, 11.0926, 1.4766



22.0647, 19.2466, 2.5520



15.5338, 20.2568, 3.0913



4.8983, 5.1401, 4.9633



12.2140, 10.7506, 1.4313



0.0493, 0.0513, 0.0073

Inverse Universe

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



5.2632, 3.8626, 22.2979



9.1372, 6.5361, 39.2332



4.3685, 1.7710, 21.9414



4.5656, 4.8068, 5.8879



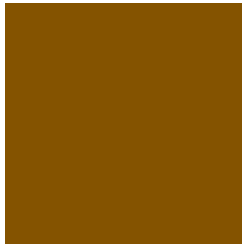
5.1008, 3.7494, 21.5916



0.0242, 0.0261, 0.0770

Previews

White Background



This preview shows how the XYZ color 12.6090, 11.0920, 1.4764 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 12.6090, 11.0920, 1.4764

Background



This preview shows how black text looks on a background with the XYZ color 12.6090, 11.0920, 1.4764.



This preview shows how white text looks on a background with the XYZ color 12.6090, 11.0920,

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

12.6090, 11.0920, 1.4764

Protanopia

10.0013, 11.0915, 1.9009

Deuteranopia

11.1801, 11.0667, 1.5468



Tritanopia

14.2069, 11.0832, 9.5741

Trichromacy



Original Color

12.6090, 11.0920, 1.4764

Protanomaly

10.7593, 10.9703, 1.7227

Deuteranomaly

11.7204, 11.1015, 1.5251

Tritanomaly

13.2701, 10.9173, 4.7760

Monochromacy



Original Color

12.6090, 11.0920, 1.4764

Achromatopsia

9.2757, 9.7587, 10.6273

Achromatomaly

9.7505, 9.8842, 5.1353

CSS Examples

Text

The CSS property to change the color of the text to XYZ 12.6090, 11.0920, 1.4764 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(132, 83, 0)` looks like.

```
.text, #text, p{  
    color:rgb(132, 83, 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(132, 83, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 83, 0) }
```

Border

The CSS property to change the border of an element to XYZ 12.6090, 11.0920, 1.4764 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(132, 83, 0) }
```


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

```
.border{ border-color:rgb(132, 83, 0) }
```

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

Here you see how a box with a 4 pixel rgb(132, 83, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 83, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 83, 0);  
box-shadow:4px 4px 4px 4px rgb(132, 83, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 12.6090, 11.0920, 1.4764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 83, 0) }
```

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

```
.background{ background-color: rgb(132, 83,  
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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