

Converting Colors

XYZ(11.6380, 12.8869, 6.7144)

Have a look what the booklet for
XYZ(11.6380, 12.8869, 6.7144)
contains.

XYZ(11.6206, 12.9371, 6.7351)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(11.6206, 12.9371,
6.7351)**

Conversions

Conversions Part 1

Format	Color
Hex	6A6640
RGB	106, 102, 64
RGB Percent	42%, 40%, 25%
CMY	0.5843, 0.6000, 0.7490
CMYK	0.00, 0.04, 0.40, 0.58
HSL	54°, 25%, 33%
HSV	54°, 40%, 42%
XYZ	11.6206, 12.9371, 6.7351
YIQ	98.8640, 14.5820, -10.9700

Conversions

Conversions Part 2

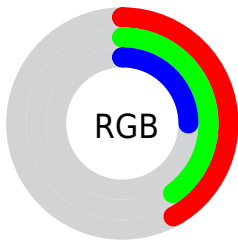
Format	Color
R_{YB}	68, 106, 64
Decimal	6972992
CIE _{Lab}	42.67, -4.72, 22.06
CIE _{LCh}	43, 22.555, 102.079
Yxy	12.9371, 0.3714, 0.4134
Android (android.graphics.Color)	4285163072 (0xFF6A6640)
YUV	98.8640, -17.1880, 6.2583
Hunter-Lab	35.9682, -5.2745, 14.0756

Details

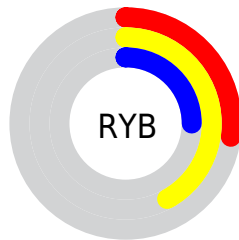
The XYZ color **11.6206, 12.9371, 6.7351** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **6.7829, 6.2645, 14.4872**, and the grayscale version is **11.8651, 12.4830, 13.5940**.

A 20% lighter version of the original color is **28.4164, 31.2214, 19.8579**, and **3.2374, 3.6824, 1.2020** is the 20% darker color. If you saturate the color by 10%, you get **11.2488, 12.6312, 5.2619**, and if you desaturate by 10%, it is **12.0516, 13.2695, 8.5113**.

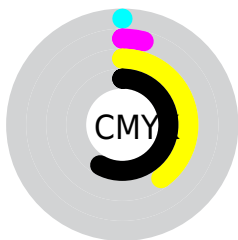
Distribution



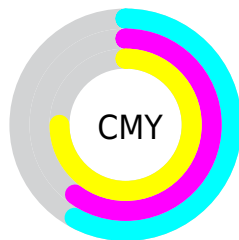
- Red (42%)
- Green (40%)
- Blue (25%)



- Red (27%)
- Yellow (42%)
- Blue (25%)



- Cyan (0%)
- Magenta (4%)
- Yellow (40%)
- Black (58%)



- Cyan (58%)
- Magenta (60%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.6206, 12.9371, 6.7351 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 11.6206, 12.9371, 6.7351 by changing the saturation by 10% instead.

■ 11.6206, 12.9371,
6.7351

■ 11.6206, 12.9371,
6.7351

■ 195.6988,
210.5142, 174.9906

■ 6.5562, 7.3852,
3.2211

■ 28.4251, 31.1907,
19.9420

■ 3.2300, 3.7042,
1.2086

■ 40.8959, 44.6613,
30.4719

■ 1.2765, 1.5095,
0.0000

■ 56.5663, 61.5402,
44.1776

■ 0.1656, 0.2954,
0.0000

■ 75.8016, 82.2119,
61.4775

■ 0.0000, 0.0000,
0.0000

■ 98.9671, 107.0608,
82.7903

■ 126.4283,

136.4712, 108.5343

158.5504,
170.8275, 139.1283

■ 11.6206, 12.9371,
6.7351

■ 11.6206, 12.9371,
6.7351

■ 11.2488, 12.6312,
5.2619

■ 12.0516, 13.2695,
8.5113

■ 10.9320, 12.3488,
4.0738

■ 12.5438, 13.6280,
10.6056

■ 10.6669, 12.0889,
3.1521

■ 13.1005, 14.0141,
13.0328

■ 10.4496, 11.8501,
2.4756

■ 13.7241, 14.4289,
15.8069

■ 10.2752, 11.6303,
2.0200

■ 14.4172, 14.8735,
18.9408

■ 10.1244, 11.4219,
1.6826

■ 15.1822, 15.3488,
22.4470

■ 10.1188, 11.4141,
1.6698

■ 16.0212, 15.8557,
26.3370

■ 16.9364, 16.3951,
30.6223

■ 17.9299, 16.9677,
35.3135

Harmonies

Analogous

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



13.3368, 12.9371, 6.8882



11.6206, 12.9371, 6.7351



10.2206, 12.9371, 8.1860

Triad

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



11.6206, 12.9371, 6.7351



10.0124, 12.9371, 21.3917



15.7001, 12.9371, 17.1893

Complementary

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



11.6206, 12.9371, 6.7351



6.7829, 6.2645, 14.4872

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.



14.6357, 12.9371, 22.3016



11.6206, 12.9371, 6.7351



11.3114, 12.9371, 25.0887

Square

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



11.6206, 12.9371, 6.7351



9.3514, 12.9371, 16.1515



12.9978, 12.9371, 25.4557



15.8025, 12.9371, 12.2051

Rectangle

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



11.6206, 12.9371, 6.7351



9.6122, 12.9371, 10.1186



12.9978, 12.9371, 25.4557



15.4387, 12.9371, 18.9754

Sweetspot

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



11.6209, 12.9377, 6.7354



22.7158, 24.4068, 21.6595



8.8268, 7.1509, 6.4161



5.3016, 5.7038, 4.9879



52.6788, 55.4222, 60.3547



5.6320, 5.9254, 6.4527

Same Dimension

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



11.6209, 12.9377, 6.7354



19.7601, 22.1836, 9.3038



10.2185, 12.8119, 6.7850



3.3098, 3.5368, 3.3257



12.5448, 14.1394, 2.0680



63.5770, 71.3575, 10.4225

Inverse Universe

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



6.7829, 6.2645, 14.4872



9.9256, 8.6224, 25.0722



7.8112, 6.4480, 14.4684



2.9695, 3.0673, 3.8704



3.3501, 1.5345, 17.0419



16.7632, 7.2049, 86.7334

Previews

White Background



This preview shows how the XYZ color 11.6206, 12.9371, 6.7351 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 11.6206, 12.9371, 6.7351 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

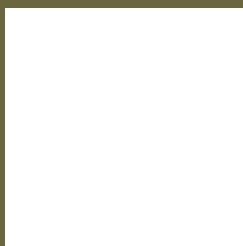
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.6206, 12.9371, 6.7351

Background



This preview shows how black text looks on a background with the XYZ color 11.6206, 12.9371, 6.7351.



This preview shows how white text looks on a background with the XYZ color 11.6206, 12.9371,

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

11.6206, 12.9371, 6.7351

Protanopia

12.0095, 12.9925, 6.7253

Deuteranopia

13.0222, 12.8123, 6.7877



Tritanopia

13.3800, 12.9488, 15.1588

Trichromacy



Original Color

11.6206, 12.9371, 6.7351

Protanomaly

11.8858, 12.9287, 6.7195

Deuteranomaly

12.5243, 12.8300, 6.8174

Tritanomaly

12.6140, 12.9131, 11.5005

Monochromacy



Original Color

11.6206, 12.9371, 6.7351

Achromatopsia

11.8596, 12.4772, 13.5877

Achromatomaly

11.7164, 12.6110, 10.6207

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.6206, 12.9371, 6.7351 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(106, 102, 64)` looks like.

```
.text, #text, p{  
    color:rgb(106, 102, 64)  
}
```

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(106, 102, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 102, 64) }
```

Border

The CSS property to change the border of an element to XYZ 11.6206, 12.9371, 6.7351 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(106, 102, 64) }
```


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

```
.border{ border-color:rgb(106, 102, 64) }
```

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

Here you see how a box with a 4 pixel rgb(106, 102, 64) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 102, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 102, 64);  
box-shadow:4px 4px 4px 4px rgb(106, 102,  
64) }
```

Background

The CSS property to change the background color of an element to XYZ 11.6206, 12.9371, 6.7351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 102, 64) }
```

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

```
.background{ background-color: rgb(106,  
102, 64) }
```

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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