

Converting Colors

XYZ(10.6922, 11.4176, 3.6216)

Have a look what the booklet for
XYZ(10.6922, 11.4176, 3.6216)
contains.

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Color

**XYZ(10.6924, 11.4098,
3.6462)**

Conversions

Conversions Part 1

Format	Color
Hex	6D5E28
RGB	109, 94, 40
RGB Percent	43%, 37%, 16%
CMY	0.5725, 0.6314, 0.8431
CMYK	0.00, 0.14, 0.63, 0.57
HSL	47°, 46%, 29%
HSV	47°, 63%, 43%
XYZ	10.6924, 11.4098, 3.6462
YIQ	92.3290, 26.2740, -13.6140

Conversions

Conversions Part 2

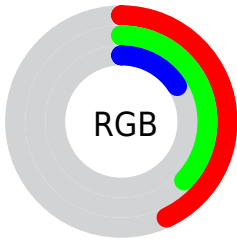
Format	Color
R_{YB}	59, 109, 40
Decimal	7167528
CIE _{Lab}	40.26, -1.14, 32.54
CIE _{LCh}	40, 32.559, 92.007
Yxy	11.4098, 0.4153, 0.4431
Android (android.graphics.Color)	4285357608 (0xFF6D5E28)
YUV	92.3290, -25.7982, 14.6205
Hunter-Lab	33.7784, -2.6088, 17.2448

Details

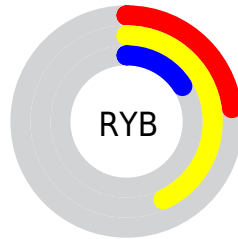
The XYZ color **10.6924, 11.4098, 3.6462** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **5.0015, 4.2875, 15.0320**, and the grayscale version is **10.3024, 10.8389, 11.8036**.

A 20% lighter version of the original color is **26.5939, 28.3160, 13.0807**, and **2.8606, 3.0437, 0.4367** is the 20% darker color. If you saturate the color by 10%, you get **10.3252, 10.9314, 2.7347**, and if you desaturate by 10%, it is **11.1189, 11.9232, 4.8359**.

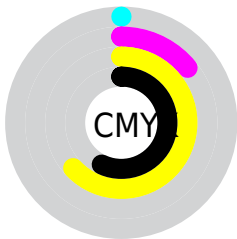
Distribution



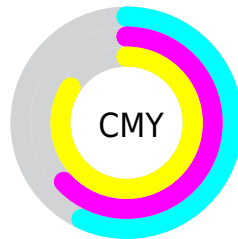
- Red (43%)
- Green (37%)
- Blue (16%)



- Red (23%)
- Yellow (43%)
- Blue (16%)



- Cyan (0%)
- Magenta (14%)
- Yellow (63%)
- Black (57%)



- Cyan (57%)
- Magenta (63%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.6924, 11.4098, 3.6462 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 10.6924, 11.4098, 3.6462 by changing the saturation by 10% instead.

■ 10.6924, 11.4098,
3.6462

■ 10.6924, 11.4098,
3.6462

189.4971,
200.4578, 144.2077

■ 5.9262, 6.3432,
1.4333

■ 26.7280, 28.4155,
13.1852

■ 2.8405, 3.0549,
0.1675

■ 38.7280, 41.1234,
21.3484

■ 1.0700, 1.1604,
0.0000

■ 53.8700, 57.1471,
32.3322

■ 0.0000, 0.0290,
0.0000

■ 72.5193, 76.8712,
46.5550

■ 0.0000, 0.0000,
0.0000

■ 95.0414, 100.6798,
64.4354

■ 121.8014,

128.9576, 86.3920

153.1649,
162.0888, 112.8433

■ 10.6924, 11.4098,
3.6462

■ 10.6924, 11.4098,
3.6462

■ 10.3252, 10.9314,
2.7347

■ 11.1189, 11.9232,
4.8359

■ 10.0120, 10.4844,
2.0769

■ 11.6081, 12.4716,
6.3243

■ 9.7464, 10.0667,
1.6390

■ 12.1638, 13.0571,
8.1307

■ 9.5795, 9.7969,
1.3861

■ 12.7894, 13.6812,
10.2725

■ 13.4881, 14.3453,
12.7660

■ 14.2627, 15.0505,
15.6263

■ 15.1161, 15.7982,
18.8676

■ 16.0508, 16.5893,
22.5036

■ 17.0694, 17.4249,
26.5469

Harmonies

Analogous

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



13.0267, 11.4098, 4.3277



10.6924, 11.4098, 3.6462



8.6904, 11.4098, 4.5483

Triad

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



10.6924, 11.4098, 3.6462



7.5464, 11.4098, 20.3032



15.1769, 11.4098, 19.2684

Complementary

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



10.6924, 11.4098, 3.6462



5.0015, 4.2875, 15.0320

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.



13.3285, 11.4098, 26.3368



10.6924, 11.4098, 3.6462



8.9210, 11.4098, 27.0665

Square

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



10.6924, 11.4098, 3.6462



7.0389, 11.4098, 12.8667



10.9984, 11.4098, 29.5877



15.8219, 11.4098, 11.9903

Rectangle

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



10.6924, 11.4098, 3.6462



7.7537, 11.4098, 6.2044



10.9984, 11.4098, 29.5877



14.6641, 11.4098, 21.8243

Sweetspot

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



10.6927, 11.4103, 3.6464



23.3580, 24.9387, 20.0045



7.7818, 5.0554, 4.3200



5.3739, 5.7442, 4.4372



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.



10.6927, 11.4103, 3.6464



18.2077, 19.1828, 4.2770



10.1268, 13.2944, 4.0399



3.2801, 3.4775, 3.3158



11.1867, 11.4232, 1.6153



56.3465, 56.8967, 8.0124

Inverse Universe

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



5.0015, 4.2875, 15.0320



7.1175, 5.3340, 26.5617



5.2875, 3.5334, 14.8714



2.9969, 3.1220, 3.8795



3.5869, 2.0081, 17.1208



17.7335, 9.1456, 87.0568

Previews

White Background



This preview shows how the XYZ color 10.6924, 11.4098, 3.6462 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 10.6924, 11.4098, 3.6462 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 10.6924, 11.4098, 3.6462

Background



This preview shows how black text looks on a background with the XYZ color 10.6924, 11.4098, 3.6462.



This preview shows how white text looks on a background with the XYZ color 10.6924, 11.4098,

3.6462.

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

10.6924, 11.4098, 3.6462

Protanopia

10.4191, 11.4018, 3.6591

Deuteranopia

11.5276, 11.3240, 3.6760



Tritanopia

12.4947, 11.3831, 12.3651

Trichromacy



Original Color

10.6924, 11.4098, 3.6462

Protanomaly

10.5386, 11.4634, 3.6647

Deuteranomaly

11.2116, 11.2871, 3.6855

Tritanomaly

11.6083, 11.2651, 8.2192

Monochromacy



Original Color

10.6924, 11.4098, 3.6462

Achromatopsia

10.1725, 10.7023, 11.6548

Achromatomaly

10.1540, 10.9064, 7.8733

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.6924, 11.4098, 3.6462 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(109, 94, 40)` looks like.

```
.text, #text, p{  
    color:rgb(109, 94, 40)  
}
```

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(109, 94, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 94, 40) }
```

Border

The CSS property to change the border of an element to XYZ 10.6924, 11.4098, 3.6462 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(109, 94, 40) }
```


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

```
.border{ border-color:rgb(109, 94, 40) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 94, 40)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 94, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 94, 40);  
box-shadow:4px 4px 4px 4px rgb(109, 94,  
40) }
```

Background

The CSS property to change the background color of an element to XYZ 10.6924, 11.4098, 3.6462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 94, 40) }
```

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

```
.background{ background-color: rgb(109, 94,  
40) }
```

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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