

Converting Colors

XYZ(11.7456, 11.4751, 14.2118)

Have a look what the booklet for
XYZ(11.7456, 11.4751, 14.2118)
contains.

XYZ(11.7049, 11.4384, 14.1613)	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(11.7049, 11.4384,
14.1613)**

Conversions

Conversions Part 1

Format	Color
Hex	665C66
RGB	102, 92, 102
RGB Percent	40%, 36%, 40%
CMY	0.6000, 0.6392, 0.6000
CMYK	0.00, 0.10, 0.00, 0.60
HSL	300°, 5%, 38%
HSV	300°, 10%, 40%
XYZ	11.7049, 11.4384, 14.1613
YIQ	96.1300, 2.7500, 5.2300

Conversions

Conversions Part 2

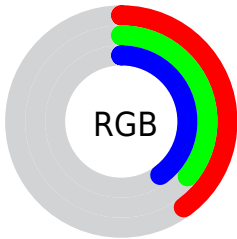
Format	Color
R_{YB}	102, 92, 102
Decimal	6708326
CIE Lab	40.31, 6.05, -4.25
CIE LCh	40, 7.389, 324.922
Yxy	11.4384, 0.3138, 0.3066
Android (android.graphics.Color)	4284898406 (0xFF665C66)
YUV	96.1300, 2.8939, 5.1480
Hunter-Lab	33.8207, 2.5903, -1.1512

Details

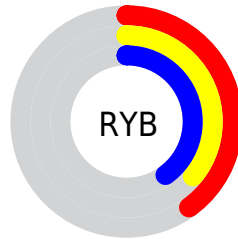
The XYZ color **11.7049, 11.4384, 14.1613** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.0972, 12.5511, 11.9636**, and the grayscale version is **11.1428, 11.7231, 12.7664**.

A 20% lighter version of the original color is **28.5596, 28.4182, 34.1170**, and **3.2421, 3.0421, 4.0307** is the 20% darker color. If you saturate the color by 10%, you get **10.8803, 9.7890, 13.8866**, and if you desaturate by 10%, it is **12.6492, 13.3268, 14.4762**.

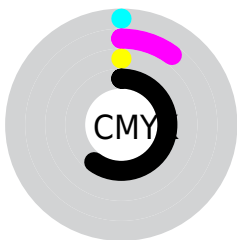
Distribution



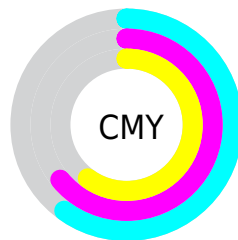
- Red (40%)
- Green (36%)
- Blue (40%)



- Red (40%)
- Yellow (36%)
- Blue (40%)



- Cyan (0%)
- Magenta (10%)
- Yellow (0%)
- Black (60%)



- Cyan (60%)
- Magenta (64%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.7049, 11.4384, 14.1613 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 11.7049, 11.4384, 14.1613 by changing the saturation by 10% instead.

■ 11.7049, 11.4384,
14.1613

■ 11.7049, 11.4384,
14.1613

196.2518,
200.6510, 229.6952

■ 6.6138, 6.3625,
8.0929

■ 28.5780, 28.4680,
34.0962

■ 3.2660, 3.0667,
4.0658

■ 41.0908, 41.1906,
48.7998

■ 1.2959, 1.1667,
1.6615

■ 56.8082, 57.2308,
67.2188

■ 0.1802, 0.0342,
0.3342

■ 76.0956, 76.9731,
89.7719

■ 0.0000, 0.0000,
0.0000

■ 99.3182, 100.8019,
116.8775

126.8416,

129.1016, 148.9543

159.0310,
162.2565, 186.4207

■ 11.7049, 11.4384,
14.1613

■ 11.7049, 11.4384,
14.1613

■ 10.8803, 9.7890,
13.8866

■ 12.6492, 13.3268,
14.4762

■ 10.1696, 8.3676,
13.6497

■ 13.7166, 15.4616,
14.8320

■ 9.5681, 7.1647,
13.4492

■ 14.9117, 17.8518,
15.2304

■ 9.0704, 6.1695,
13.2833

■ 16.2385, 20.5053,
15.6726

■ 8.6708, 5.3701,
13.1501

■ 17.7009, 23.4300,
16.1601

■ 8.3625, 4.7537,
13.0474

■ 19.3025, 26.6332,
16.6939

■ 8.1386, 4.3059,
12.9727

■ 21.0469, 30.1220,
17.2754

■ 7.9906, 4.0099,
12.9234

■ 22.9376, 33.9033,
17.9056

■ 7.8798, 3.7884,
12.8865

■ 24.9777, 37.9836,
18.5857

Harmonies

Analogous

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



11.2957, 11.4384, 15.2156



11.7049, 11.4384, 14.1613



11.8912, 11.4384, 12.7079

Triad

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



11.7049, 11.4384, 14.1613



10.9600, 11.4384, 9.8311



9.9960, 11.4384, 13.6917

Complementary

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



11.7049, 11.4384, 14.1613



11.0972, 12.5511, 11.9636

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.



9.9125, 11.4384, 12.2045



11.7049, 11.4384, 14.1613



10.4588, 11.4384, 10.0494

Square

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



11.7049, 11.4384, 14.1613



11.4525, 11.4384, 10.2691



10.0793, 11.4384, 10.8906



10.3111, 11.4384, 14.9298

Rectangle

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



11.7049, 11.4384, 14.1613



11.8599, 11.4384, 11.7364



10.0793, 11.4384, 10.8906



9.9403, 11.4384, 13.2012

Sweetspot

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



11.7052, 11.4389, 14.1615



21.6164, 22.2376, 25.1987



10.6540, 10.9184, 14.1165



5.0729, 5.1928, 5.9357



51.1593, 53.8236, 58.6138



5.2251, 5.4972, 5.9864

Same Dimension

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



11.7052, 11.4389, 14.1615



20.1408, 19.2864, 24.7068



11.4725, 11.3458, 12.9358



2.9359, 2.8890, 3.5349



10.1172, 4.8598, 16.5491



52.7667, 25.3465, 86.3126

Inverse Universe

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



11.2388, 11.2523, 11.7055



19.1274, 18.8811, 19.3700



11.3153, 12.6383, 13.1120



2.8295, 2.8465, 2.9747



7.0374, 3.6279, 0.3294



36.7039, 18.9215, 1.7179

Previews

White Background



This preview shows how the XYZ color 11.7049, 11.4384, 14.1613 looks on a white background.

Color Contrast Check

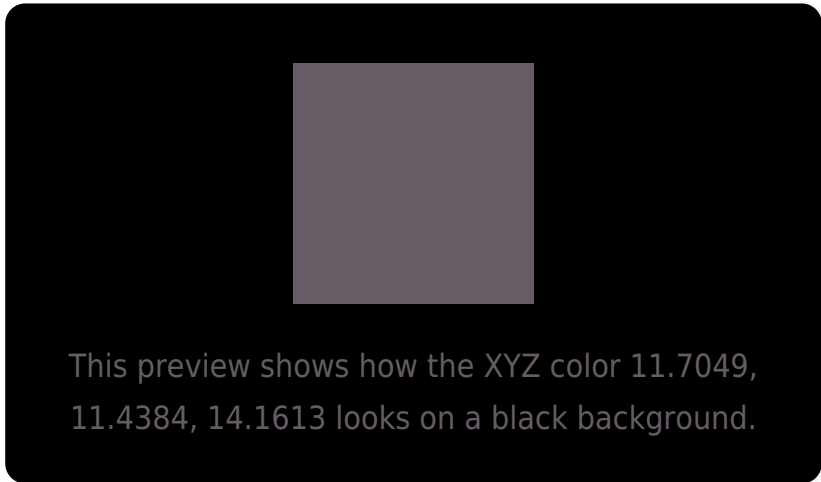
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.7049, 11.4384, 14.1613

Background



This preview shows how black text looks on a background with the XYZ color 11.7049, 11.4384, 14.1613.



This preview shows how white text looks on a background with the XYZ color 11.7049, 11.4384,

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

11.7049, 11.4384, 14.1613

Protanopia

11.0670, 11.3644, 14.4422

Deuteranopia

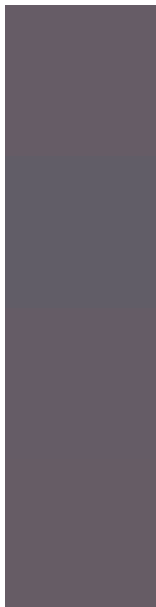
11.5922, 11.3803, 14.1560



Tritanopia

11.6069, 11.3992, 13.6451

Trichromacy



Original Color

11.7049, 11.4384, 14.1613

Protanomaly

11.2923, 11.3494, 14.4274

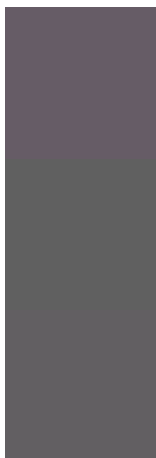
Deuteranomaly

11.5922, 11.3803, 14.1560

Tritanomaly

11.6556, 11.4187, 13.9016

Monochromacy



Original Color

11.7049, 11.4384, 14.1613

Achromatopsia

11.1181, 11.6971, 12.7381

Achromatomaly

11.3338, 11.6629, 13.2091

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.7049, 11.4384, 14.1613 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(102, 92, 102)` looks like.

```
.text, #text, p{  
    color:rgb(102, 92, 102)  
}
```

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(102, 92, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 92, 102) }
```

Border

The CSS property to change the border of an element to XYZ 11.7049, 11.4384, 14.1613 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(102, 92, 102) }
```


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

```
.border{ border-color:rgb(102, 92, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 92, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 92, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 92, 102);  
box-shadow:4px 4px 4px 4px rgb(102, 92,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 11.7049, 11.4384, 14.1613 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 92, 102) }
```

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

```
.background{ background-color: rgb(102, 92,  
102) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor