

Converting Colors

XYZ(11.0296, 12.8196, 14.3811)

Have a look what the booklet for
XYZ(11.0296, 12.8196, 14.3811)
contains.

XYZ(11.0047, 12.7448, 14.4503)	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(11.0047, 12.7448,
14.4503)**

Conversions

Conversions Part 1

Format	Color
Hex	546866
RGB	84, 104, 102
RGB Percent	33%, 41%, 40%
CMY	0.6706, 0.5921, 0.6000
CMYK	0.19, 0.00, 0.02, 0.59
HSL	174°, 11%, 37%
HSV	174°, 19%, 41%
XYZ	11.0047, 12.7448, 14.4503
YIQ	97.7920, -11.2780, -4.8620

Conversions

Conversions Part 2

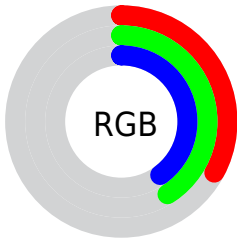
Format	Color
R_{YB}	84, 95, 104
Decimal	5531750
CIE Lab	42.38, -7.92, -1.37
CIE LCh	42, 8.042, 189.791
Yxy	12.7448, 0.2881, 0.3336
Android (android.graphics.Color)	4283721830 (0xFF546866)
YUV	97.7920, 2.0745, -12.0956
Hunter-Lab	35.6999, -7.4510, 0.9910

Details

The XYZ color **11.0047, 12.7448, 14.4503** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **10.5594, 9.9558, 10.1697**, and the grayscale version is **11.5551, 12.1568, 13.2388**.

A 20% lighter version of the original color is **27.3026, 30.8109, 34.6451**, and **2.9520, 3.6142, 4.1564** is the 20% darker color. If you saturate the color by 10%, you get **10.0909, 12.2800, 14.1400**, and if you desaturate by 10%, it is **12.0581, 13.2822, 14.7711**.

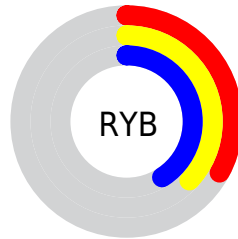
Distribution



Red (33%)

Green (41%)

Blue (40%)



Red (33%)

Yellow (37%)

Blue (41%)

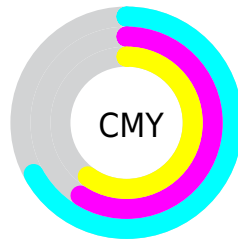


Cyan (19%)

Magenta (0%)

Yellow (2%)

Black (59%)



Cyan (67%)

Magenta (59%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.0047, 12.7448, 14.4503 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 11.0047, 12.7448, 14.4503 by changing the saturation by 10% instead.

■ 11.0047, 12.7448,
14.4503

■ 11.0047, 12.7448,
14.4503

191.6074,
209.2756, 231.5395

■ 6.1373, 7.2531,
8.2922

■ 27.3017, 30.8445,
34.6145

■ 2.9702, 3.6209,
4.1920

■ 39.4621, 44.2213,
49.4576

■ 1.1380, 1.4638,
1.7313

■ 54.7841, 60.9952,
68.0329

■ 0.0566, 0.2631,
0.3820

■ 73.6333, 81.5507,
90.7587

■ 0.0000, 0.0000,
0.0000

■ 96.3748, 106.2720,
118.0538

123.3741,

135.5437, 150.3366

154.9965,
169.7501, 188.0256

■ 11.0047, 12.7448,
14.4503

■ 11.0047, 12.7448,
14.4503

■ 10.0909, 12.2800,
14.1400

■ 12.0581, 13.2822,
14.7711

■ 9.3096, 11.8830,
13.8389

■ 13.2558, 13.8935,
15.1018

■ 8.6545, 11.5511,
13.5472

■ 14.6035, 14.5821,
15.4429

■ 8.1187, 11.2806,
13.2643

■ 16.1062, 15.3506,
15.7947

■ 7.6944, 11.0675,
12.9900

■ 17.7689, 16.2014,
16.1574

■ 7.3727, 10.9072,
12.7239

■ 19.5961, 17.1370,
16.5312

■ 7.1438, 10.7947,
12.4654

■ 21.5925, 18.1597,
16.9165

■ 6.9663, 10.7086,
12.2126

■ 23.7621, 19.2717,
17.3133

■ 6.9527, 10.7020,
12.1933

■ 26.1093, 20.4751,
17.7219

Harmonies

Analogous

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



11.0560, 12.7448, 12.7593



11.0047, 12.7448, 14.4503



11.2429, 12.7448, 16.1164

Triad

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



11.0047, 12.7448, 14.4503



12.8722, 12.7448, 16.5929



12.5192, 12.7448, 10.9836

Complementary

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



11.0047, 12.7448, 14.4503



10.5594, 9.9558, 10.1697

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.



13.0281, 12.7448, 11.8551



11.0047, 12.7448, 14.4503



13.2365, 12.7448, 15.0580

Square

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



11.0047, 12.7448, 14.4503



12.3121, 12.7448, 17.4196



13.2945, 12.7448, 13.3189



11.9171, 12.7448, 10.8504

Rectangle

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



11.0047, 12.7448, 14.4503



11.5385, 12.7448, 16.9545



13.2945, 12.7448, 13.3189



12.7074, 12.7448, 11.1963

Sweetspot

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



11.0051, 12.7453, 14.4506



21.7701, 23.6157, 26.0891



10.4194, 12.5356, 10.2580



5.2899, 5.7507, 6.3590



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.



11.0051, 12.7453, 14.4506



18.5689, 21.9838, 25.1083



10.3685, 11.3114, 14.7343



2.8924, 3.1807, 3.5348



8.5637, 13.1891, 14.9960



44.4817, 68.7152, 77.2499

Inverse Universe

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



10.5594, 9.9558, 10.1697



17.6359, 16.1424, 16.1451



11.1079, 11.1802, 9.9601



2.8396, 2.8505, 3.0279



7.1007, 3.6532, 0.6625



36.8713, 18.9885, 2.5996

Previews

White Background



This preview shows how the XYZ color 11.0047, 12.7448, 14.4503 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 11.0047, 12.7448, 14.4503 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

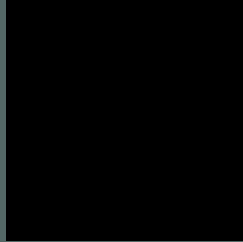
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.0047, 12.7448, 14.4503

Background



This preview shows how black text looks on a background with the XYZ color 11.0047, 12.7448, 14.4503.



This preview shows how white text looks on a background with the XYZ color 11.0047, 12.7448,

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

11.0047, 12.7448, 14.4503

Protanopia

12.1935, 12.6493, 13.6033

Deuteranopia

12.9072, 12.7168, 14.6063



Tritanopia

11.5572, 12.8266, 16.9056

Trichromacy



Original Color

11.0047, 12.7448, 14.4503

Protanomaly

11.6732, 12.6604, 13.8850

Deuteranomaly

12.1509, 12.7463, 14.6518

Tritanomaly

11.3033, 12.7145, 16.0458

Monochromacy



Original Color

11.0047, 12.7448, 14.4503

Achromatopsia

11.6093, 12.2139, 13.3009

Achromatomaly

11.3235, 12.3424, 13.5899

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.0047, 12.7448, 14.4503 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(84, 104, 102) looks like.

```
.text, #text, p{  
    color:rgb(84, 104, 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(84, 104, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 104, 102) }
```

Border

The CSS property to change the border of an element to XYZ 11.0047, 12.7448, 14.4503 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(84, 104, 102) }
```


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

```
.border{ border-color:rgb(84, 104, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 104, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 104, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 104, 102);  
box-shadow:4px 4px 4px 4px rgb(84, 104,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 11.0047, 12.7448, 14.4503 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 104, 102) }
```

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

```
.background{ background-color: rgb(84, 104,  
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