

Converting Colors

XYZ(11.2302, 12.7509, 12.6957)

Have a look what the booklet for
XYZ(11.2302, 12.7509, 12.6957)
contains.

XYZ(11.2302, 12.7509, 12.6957)	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(11.2302, 12.7509,
12.6957)**

Conversions

Conversions Part 1

Format	Color
Hex	5B675F
RGB	91, 103, 95
RGB Percent	36%, 40%, 37%
CMY	0.6431, 0.5961, 0.6274
CMYK	0.12, 0.00, 0.08, 0.60
HSL	140°, 6%, 38%
HSV	140°, 12%, 40%
XYZ	11.2302, 12.7509, 12.6957
YIQ	98.5000, -4.5840, -5.0320

Conversions

Conversions Part 2

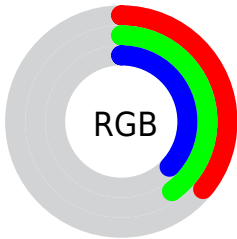
Format	Color
R_{YB}	91, 100, 103
Decimal	5990239
CIE _{Lab}	42.39, -6.31, 2.96
CIE _{LCh}	42, 6.970, 154.897
Yxy	12.7509, 0.3062, 0.3477
Android (android.graphics.Color)	4284180319 (0xFF5B675F)
YUV	98.5000, -1.7255, -6.5775
Hunter-Lab	35.7084, -6.3519, 3.9160

Details

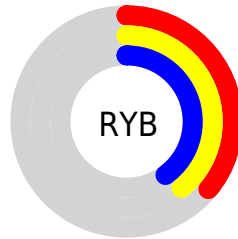
The XYZ color **11.2302, 12.7509, 12.6957** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.5872, 11.2669, 13.3691**, and the grayscale version is **11.7395, 12.3509, 13.4501**.

A 20% lighter version of the original color is **27.6509, 30.8183, 31.2792**, and **3.0507, 3.6080, 3.4413** is the 20% darker color. If you saturate the color by 10%, you get **9.9852, 12.1439, 11.0792**, and if you desaturate by 10%, it is **12.6428, 13.4418, 14.4643**.

Distribution



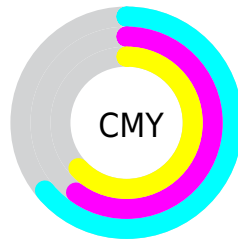
- Red (36%)
- Green (40%)
- Blue (37%)



- Red (36%)
- Yellow (39%)
- Blue (40%)



- Cyan (12%)
- Magenta (0%)
- Yellow (8%)
- Black (60%)



- Cyan (64%)
- Magenta (60%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.2302, 12.7509, 12.6957 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 11.2302, 12.7509, 12.6957 by changing the saturation by 10% instead.

■ 11.2302, 12.7509,
12.6957

■ 11.2302, 12.7509,
12.6957

193.1160,
209.3150, 220.0970

■ 6.2903, 7.2572,
7.0911

■ 27.7143, 30.8555,
31.4391

■ 3.0647, 3.6235,
3.4398

■ 39.9892, 44.2353,
45.4150

■ 1.1881, 1.4653,
1.3234

■ 55.4398, 61.0126,
63.0184

■ 0.0969, 0.2641,
0.0808

■ 74.4314, 81.5717,
84.6679

■ 0.0000, 0.0000,
0.0000

■ 97.3295, 106.2971,
110.7819

124.4994,

135.5732, 141.7791

156.3065,
169.7844, 178.0780

■ 11.2302, 12.7509,
12.6957

■ 11.2302, 12.7509,
12.6957

■ 9.9852, 12.1439,
11.0792

■ 12.6428, 13.4418,
14.4643

■ 8.9005, 11.6161,
9.6099

■ 14.2281, 14.2181,
16.3880

■ 7.9695, 11.1646,
8.2841

■ 15.9920, 15.0831,
18.4707

■ 7.1852, 10.7857,
7.0972

■ 17.9399, 16.0397,
20.7160

■ 6.5395, 10.4755,
6.0448

■ 20.0772, 17.0903,
23.1275

■ 6.0239, 10.2296,
5.1219

■ 22.4087, 18.2375,
25.7084

■ 5.6287, 10.0431,
4.3236

■ 24.9393, 19.4838,
28.4619

■ 5.3422, 9.9101,
3.6442

■ 27.6736, 20.8314,
31.3914

■ 5.1440, 9.8184,
3.1623

■ 30.6161, 22.2825,
34.4998

Harmonies

Analogous

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



11.5524, 12.7509, 11.6501



11.2302, 12.7509, 12.6957



11.1435, 12.7509, 14.1312

Triad

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



11.2302, 12.7509, 12.6957



12.2055, 12.7509, 16.9596



12.9641, 12.7509, 12.2982

Complementary

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



11.2302, 12.7509, 12.6957



11.5872, 11.2669, 13.3691

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.



13.1505, 12.7509, 13.6389



11.2302, 12.7509, 12.6957



12.7046, 12.7509, 16.3857

Square

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



11.2302, 12.7509, 12.6957



11.6972, 12.7509, 16.6621



13.0542, 12.7509, 15.1433



12.5516, 12.7509, 11.4325

Rectangle

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



11.2302, 12.7509, 12.6957



11.2287, 12.7509, 15.1333



13.0542, 12.7509, 15.1433



13.0558, 12.7509, 12.7046

Sweetspot

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



11.2306, 12.7514, 12.6960



22.2553, 23.8810, 25.4269



11.9066, 13.1204, 11.8026



5.3857, 5.8048, 6.1489



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.



11.2306, 12.7514, 12.6960



19.4639, 22.5170, 21.9069



11.5043, 12.8609, 14.1373



2.8313, 3.1563, 3.2132



6.4560, 12.3460, 3.8971



33.3019, 64.2433, 18.3775

Inverse Universe

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



11.5872, 11.2669, 13.3691



20.2397, 19.2878, 23.3708



11.3197, 11.1599, 11.9602



2.8991, 2.8743, 3.3411



8.3596, 4.1568, 7.2920



43.1824, 21.5129, 35.8334

Previews

White Background



This preview shows how the XYZ color 11.2302, 12.7509, 12.6957 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 11.2302, 12.7509, 12.6957 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

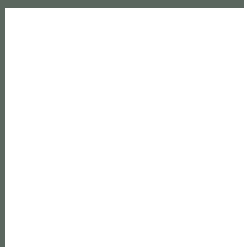
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.2302, 12.7509, 12.6957

Background



This preview shows how black text looks on a background with the XYZ color 11.2302, 12.7509, 12.6957.



This preview shows how white text looks on a background with the XYZ color 11.2302, 12.7509,

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

11.2302, 12.7509, 12.6957

Protanopia

12.1265, 12.7882, 12.1852

Deuteranopia

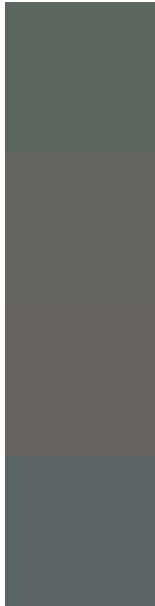
12.9416, 12.7734, 12.8498



Tritanopia

11.9282, 12.7386, 16.2981

Trichromacy



Original Color

11.2302, 12.7509, 12.6957

Protanomaly

11.8197, 12.7682, 12.4312

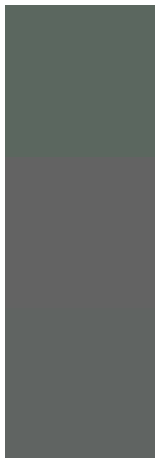
Deuteranomaly

12.2821, 12.7113, 12.8725

Tritanomaly

11.6637, 12.7775, 14.9483

Monochromacy



Original Color

11.2302, 12.7509, 12.6957

Achromatopsia

11.8596, 12.4772, 13.5877

Achromatomaly

11.5856, 12.4830, 13.3541

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.2302, 12.7509, 12.6957 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(91, 103, 95) looks like.

```
.text, #text, p{  
    color:rgb(91, 103, 95)  
}
```

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(91, 103, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 103, 95) }
```

Border

The CSS property to change the border of an element to XYZ 11.2302, 12.7509, 12.6957 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(91, 103, 95) }
```


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

```
.border{ border-color:rgb(91, 103, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 103, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 103, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 103, 95);  
box-shadow:4px 4px 4px 4px rgb(91, 103,  
95) }
```

Background

The CSS property to change the background color of an element to XYZ 11.2302, 12.7509, 12.6957 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 103, 95) }
```

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

```
.background{ background-color: rgb(91, 103,  
95) }
```

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