

Converting Colors

XYZ(11.2599, 12.6125, 14.7121)

Have a look what the booklet for
XYZ(11.2599, 12.6125, 14.7121)
contains.

XYZ(11.2241, 12.5567, 14.6641)	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(11.2241, 12.5567,
14.6641)**

Conversions

Conversions Part 1

Format	Color
Hex	586667
RGB	88, 102, 103
RGB Percent	35%, 40%, 40%
CMY	0.6549, 0.6000, 0.5961
CMYK	0.15, 0.01, 0.00, 0.60
HSL	184°, 8%, 37%
HSV	184°, 15%, 40%
XYZ	11.2241, 12.5567, 14.6641
YIQ	97.9280, -8.6650, -2.6570

Conversions

Conversions Part 2

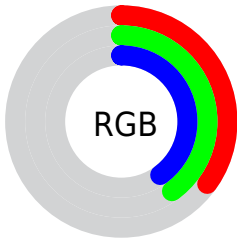
Format	Color
R_{YB}	88, 95, 103
Decimal	5793383
CIE _{Lab}	42.09, -5.07, -2.37
CIE _{LCh}	42, 5.596, 205.008
Yxy	12.5567, 0.2920, 0.3266
Android (android.graphics.Color)	4283983463 (0xFF586667)
YUV	97.9280, 2.5005, -8.7069
Hunter-Lab	35.4354, -5.4725, 0.2691

Details

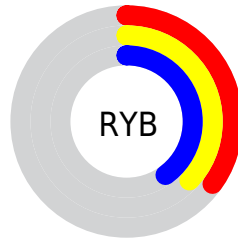
The XYZ color **11.2241, 12.5567, 14.6641** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **10.9276, 10.7331, 10.7286**, and the grayscale version is **11.5874, 12.1908, 13.2758**.

A 20% lighter version of the original color is **27.7052, 30.5188, 35.0024**, and **3.0348, 3.5101, 4.2590** is the 20% darker color. If you saturate the color by 10%, you get **10.2502, 11.9553, 14.5995**, and if you desaturate by 10%, it is **12.3371, 13.2313, 14.7358**.

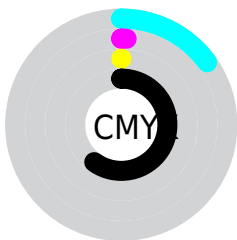
Distribution



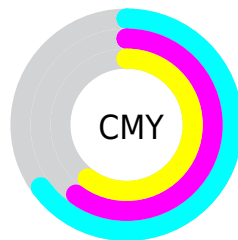
- Red (35%)
- Green (40%)
- Blue (40%)



- Red (35%)
- Yellow (37%)
- Blue (40%)



- Cyan (15%)
- Magenta (1%)
- Yellow (0%)
- Black (60%)



- Cyan (65%)
- Magenta (60%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.2241, 12.5567, 14.6641 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 11.2241, 12.5567, 14.6641 by changing the saturation by 10% instead.

■ 11.2241, 12.5567,
14.6641

■ 11.2241, 12.5567,
14.6641

193.0753,
208.0567, 232.8943

■ 6.2862, 7.1240,
8.4400

■ 27.7031, 30.5050,
34.9968

■ 3.0622, 3.5398,
4.2860

■ 39.9749, 43.7895,
49.9424

■ 1.1867, 1.4196,
1.7835

■ 55.4221, 60.4600,
68.6323

■ 0.0959, 0.2311,
0.4170

■ 74.4099, 80.9009,
91.4849

■ 0.0000, 0.0000,
0.0000

■ 97.3038, 105.4966,
118.9189

124.4691,

134.6316, 151.3528

156.2712,
168.6902, 189.2051

■ 11.2241, 12.5567,
14.6641

■ 11.2241, 12.5567,
14.6641

■ 10.2502, 11.9553,
14.5995

■ 12.3371, 13.2313,
14.7358

■ 9.4084, 11.4225,
14.5411

■ 13.5936, 13.9803,
14.8142

■ 8.6932, 10.9558,
14.4887

■ 14.9989, 14.8070,
14.8997

■ 8.0977, 10.5516,
14.4421

■ 16.5579, 15.7137,
14.9925

■ 7.6148, 10.2063,
14.4009

■ 18.2754, 16.7029,
15.0929

7.2365, 9.9157,
14.3647

20.1557, 17.7769,
15.2011

6.9535, 9.6751,
14.3332

22.2031, 18.9379,
15.3173

6.7483, 9.4754,
14.3055

24.4218, 20.1880,
15.4417

6.6440, 9.3709,
14.2908

26.8157, 21.5292,
15.5744

Harmonies

Analogous

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



11.1551, 12.5567, 13.4736



11.2241, 12.5567, 14.6641



11.4817, 12.5567, 15.6370

Triad

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



11.2241, 12.5567, 14.6641



12.6025, 12.5567, 15.0290



12.0045, 12.5567, 11.5136

Complementary

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



11.2241, 12.5567, 14.6641



10.9276, 10.7331, 10.7286

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.



12.3996, 12.5567, 11.8791



11.2241, 12.5567, 14.6641



12.7499, 12.5567, 13.8725

Square

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



11.2241, 12.5567, 14.6641



12.2763, 12.5567, 15.8562



12.6748, 12.5567, 12.7259



11.5996, 12.5567, 11.6984

Rectangle

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



11.2241, 12.5567, 14.6641



11.7289, 12.5567, 16.0077



12.6748, 12.5567, 12.7259



12.1430, 12.5567, 11.5755

Sweetspot

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



11.2245, 12.5572, 14.6644



22.1851, 23.7485, 26.3917



10.6678, 12.4926, 11.2457



5.3814, 5.7753, 6.4370



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.



11.2245, 12.5572, 14.6644



19.5607, 22.1550, 26.2225



10.5427, 11.1938, 14.4371



2.8888, 3.1556, 3.5888



8.3492, 11.7701, 17.9761



43.2930, 60.8827, 93.6712

Inverse Universe

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



11.4819, 10.8227, 14.0547



20.1059, 18.5009, 24.9269



11.5610, 11.9999, 10.9398



2.9284, 2.8860, 3.4956



9.6970, 4.6917, 14.3344



50.4475, 24.4190, 74.0908

Previews

White Background



This preview shows how the XYZ color 11.2241, 12.5567, 14.6641 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 11.2241, 12.5567, 14.6641 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

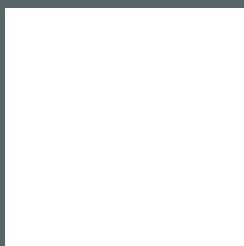
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.2241, 12.5567, 14.6641

Background



This preview shows how black text looks on a background with the XYZ color 11.2241, 12.5567, 14.6641.



This preview shows how white text looks on a background with the XYZ color 11.2241, 12.5567,

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

11.2241, 12.5567, 14.6641

Protanopia

12.0663, 12.5726, 14.1027

Deuteranopia

12.6254, 12.4294, 14.8304



Tritanopia

11.5338, 12.5353, 16.2797

Trichromacy



Original Color

11.2241, 12.5567, 14.6641

Protanomaly

11.7793, 12.5604, 14.3739

Deuteranomaly

12.0120, 12.3875, 14.8546

Tritanomaly

11.4273, 12.4927, 15.7190

Monochromacy



Original Color

11.2241, 12.5567, 14.6641

Achromatopsia

11.6093, 12.2139, 13.3009

Achromatomaly

11.3782, 12.2235, 13.8163

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.2241, 12.5567, 14.6641 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(88, 102, 103) looks like.

```
.text, #text, p{  
    color:rgb(88, 102, 103)  
}
```

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(88, 102, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 102, 103) }
```

Border

The CSS property to change the border of an element to XYZ 11.2241, 12.5567, 14.6641 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(88, 102, 103) }
```


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

```
.border{ border-color:rgb(88, 102, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 102, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 102, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 102, 103);  
box-shadow:4px 4px 4px 4px rgb(88, 102,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 11.2241, 12.5567, 14.6641 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 102, 103) }
```

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

```
.background{ background-color: rgb(88, 102,  
103) }
```

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