

Converting Colors

XYZ(11.1802, 14.1755, 10.7412)

Have a look what the booklet for
XYZ(11.1802, 14.1755, 10.7412)
contains.

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Color

**XYZ(11.1802, 14.1755,
10.7412)**

Conversions

Conversions Part 1

Format	Color
Hex	557055
RGB	85, 112, 85
RGB Percent	33%, 44%, 33%
CMY	0.6667, 0.5608, 0.6667
CMYK	0.24, 0.00, 0.24, 0.56
HSL	120°, 14%, 39%
HSV	120°, 24%, 44%
XYZ	11.1802, 14.1755, 10.7412
YIQ	100.8490, -7.4250, -14.1210

Conversions

Conversions Part 2

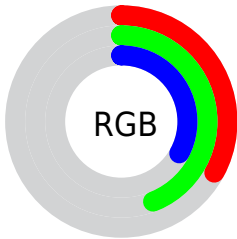
Format	Color
R_{YB}	85, 112, 112
Decimal	5599317
CIE _{Lab}	44.48, -15.72, 11.87
CIE _{LCh}	44, 19.698, 142.943
Yxy	14.1755, 0.3097, 0.3927
Android (android.graphics.Color)	4283789397 (0xFF557055)
YUV	100.8490, -7.8136, -13.8996
Hunter-Lab	37.6504, -12.8829, 9.4405

Details

The XYZ color **11.1802, 14.1755, 10.7412** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **12.8557, 11.1119, 16.7972**, and the grayscale version is **12.3519, 12.9951, 14.1517**.

A 20% lighter version of the original color is **27.6403, 33.4511, 27.9216**, and **3.0531, 4.2513, 2.6672** is the 20% darker color. If you saturate the color by 10%, you get **9.8325, 13.5285, 8.5365**, and if you desaturate by 10%, it is **12.7601, 14.9348, 13.3251**.

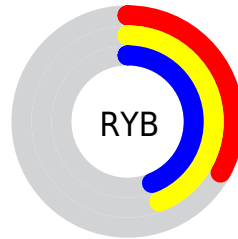
Distribution



Red (33%)

Green (44%)

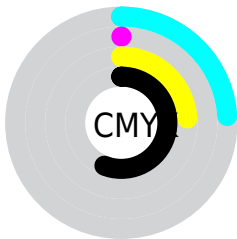
Blue (33%)



Red (33%)

Yellow (44%)

Blue (44%)

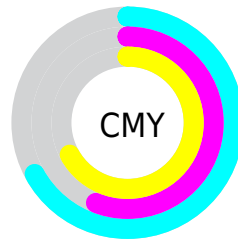


Cyan (24%)

Magenta (0%)

Yellow (24%)

Black (56%)



Cyan (67%)

Magenta (56%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.1802, 14.1755, 10.7412 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 11.1802, 14.1755, 10.7412 by changing the saturation by 10% instead.

■ 11.1802, 14.1755,
10.7412

■ 11.1802, 14.1755,
10.7412

192.7826,
218.3199, 206.5566

■ 6.2564, 8.2428,
5.7811

■ 27.6229, 33.4001,
27.8099

■ 3.0437, 4.2507,
2.6458

■ 39.8725, 47.4608,
40.7556

■ 1.1769, 1.8148,
0.9160

■ 55.2947, 64.9997,
57.2002

■ 0.0880, 0.4964,
0.0000

■ 74.2549, 86.4011,
77.5624

■ 0.0000, 0.0000,
0.0000

■ 97.1184, 112.0494,
102.2605

124.2506,

142.3291, 131.7133

156.0169,
177.6244, 166.3391

■ 11.1802, 14.1755,
10.7412

■ 11.1802, 14.1755,
10.7412

■ 9.8325, 13.5285,
8.5365

■ 12.7601, 14.9348,
13.3251

■ 8.7050, 12.9870,
6.6922

■ 14.5812, 15.8096,
16.3040

■ 7.7864, 12.5457,
5.1896

■ 16.6535, 16.8050,
19.6936

■ 7.0637, 12.1986,
4.0076

■ 18.9860, 17.9254,
23.5087

■ 6.5229, 11.9388,
3.1230

■ 21.5872, 19.1749,
27.7635

■ 6.1477, 11.7586,
2.5093

■ 24.4653, 20.5574,
32.4713

■ 5.9132, 11.6459,
2.1257

■ 27.6282, 22.0767,
37.6448

■ 5.7944, 11.5889,
1.9315

■ 31.0834, 23.7365,
43.2965

■ 34.8382, 25.5401,
49.4382

Harmonies

Analogous

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



12.3176, 14.1755, 8.7000



11.1802, 14.1755, 10.7412



10.6641, 14.1755, 14.3849

Triad

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



11.1802, 14.1755, 10.7412



13.1016, 14.1755, 25.8437



16.4860, 14.1755, 12.2701

Complementary

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



11.1802, 14.1755, 10.7412



12.8557, 11.1119, 16.7972

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.



16.7372, 14.1755, 16.5344



11.1802, 14.1755, 10.7412



14.6993, 14.1755, 24.9715

Square

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



11.1802, 14.1755, 10.7412



11.7155, 14.1755, 23.5197



16.0605, 14.1755, 21.3281



15.3988, 14.1755, 9.4541

Rectangle

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



11.1802, 14.1755, 10.7412



10.7108, 14.1755, 17.4777



16.0605, 14.1755, 21.3281



16.6743, 14.1755, 13.5574

Sweetspot

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



11.1806, 14.1761, 10.7415



24.5845, 27.2776, 26.9559



14.0670, 15.5906, 10.8624



5.8761, 6.5388, 6.4267



55.7959, 58.7016, 63.9261



6.5000, 6.8385, 7.4471

Same Dimension

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



11.1806, 14.1761, 10.7415



18.2535, 24.2365, 16.6003



11.7479, 14.4030, 13.7289



3.3451, 3.7632, 3.6234



6.6985, 13.3969, 2.2328



33.3679, 66.7358, 11.1226

Inverse Universe

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



12.8557, 11.1119, 16.7972



21.7467, 17.8467, 29.2284



12.1808, 10.8420, 13.2430



3.5144, 3.4535, 4.2356



11.1059, 5.3347, 18.1660



55.3234, 26.5746, 90.4927

Previews

White Background



This preview shows how the XYZ color 11.1802, 14.1755, 10.7412 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 11.1802, 14.1755, 10.7412 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 11.1802, 14.1755, 10.7412

Background



This preview shows how black text looks on a background with the XYZ color 11.1802, 14.1755, 10.7412.



This preview shows how white text looks on a background with the XYZ color 11.1802, 14.1755,

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

11.1802, 14.1755, 10.7412

Protanopia

13.2567, 14.1571, 10.0165

Deuteranopia

14.2591, 14.0604, 10.9792



Tritanopia

12.8293, 14.2102, 18.5897

Trichromacy



Original Color

11.1802, 14.1755, 10.7412

Protanomaly

12.4034, 14.1744, 10.2658

Deuteranomaly

12.9156, 13.9632, 10.8185

Tritanomaly

12.1383, 14.0810, 15.4428

Monochromacy



Original Color

11.1802, 14.1755, 10.7412

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

11.8364, 13.3623, 12.7818

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.1802, 14.1755, 10.7412 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(85, 112, 85) looks like.

```
.text, #text, p{  
    color:rgb(85, 112, 85)  
}
```

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(85, 112, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 112, 85) }
```

Border

The CSS property to change the border of an element to XYZ 11.1802, 14.1755, 10.7412 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(85, 112, 85) }
```


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

```
.border{ border-color:rgb(85, 112, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 112, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 112, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 112, 85);  
box-shadow:4px 4px 4px 4px rgb(85, 112,  
85) }
```

Background

The CSS property to change the background color of an element to XYZ 11.1802, 14.1755, 10.7412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 112, 85) }
```

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

```
.background{ background-color: rgb(85, 112,  
85) }
```

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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