

Converting Colors

XYZ(15.1280, 22.0410, 12.6581)

Have a look what the booklet for
XYZ(15.1280, 22.0410, 12.6581)
contains.

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Color

**XYZ(15.0906, 21.9354,
12.6711)**

Conversions

Conversions Part 1

Format	Color
Hex	548E58
RGB	84, 142, 88
RGB Percent	33%, 56%, 35%
CMY	0.6706, 0.4431, 0.6549
CMYK	0.41, 0.00, 0.38, 0.44
HSL	124°, 26%, 44%
HSV	124°, 41%, 56%
XYZ	15.0906, 21.9354, 12.6711
YIQ	118.5020, -17.2340, -29.0900

Conversions

Conversions Part 2

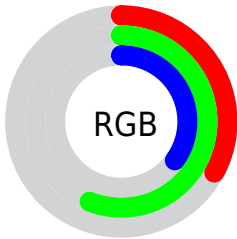
Format	Color
RYB	84, 138, 142
Decimal	5541464
CIELab	53.96, -30.80, 22.97
CIELCh	54, 38.425, 143.282
Yxy	21.9354, 0.3037, 0.4414
Android (android.graphics.Color)	4283731544 (0xFF548E58)
YUV	118.5020, -15.0375, -30.2583
Hunter-Lab	46.8352, -24.4479, 16.7440

Details

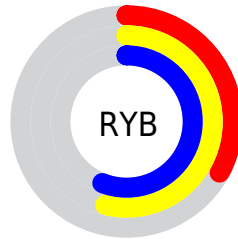
The XYZ color **15.0906, 21.9354, 12.6711** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **18.9138, 13.9268, 25.7368**, and the grayscale version is **17.4276, 18.3352, 19.9671**.

A 20% lighter version of the original color is **34.4807, 46.5491, 31.2123**, and **4.7685, 7.9656, 3.3840** is the 20% darker color. If you saturate the color by 10%, you get **13.4473, 21.1465, 9.9903**, and if you desaturate by 10%, it is **17.0920, 22.8987, 15.8881**.

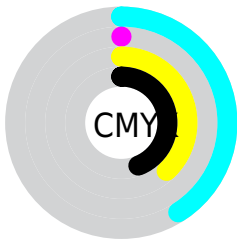
Distribution



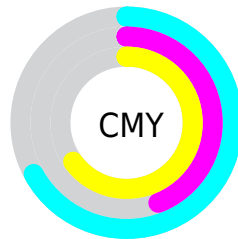
- Red (33%)
- Green (56%)
- Blue (35%)



- Red (33%)
- Yellow (54%)
- Blue (56%)



- Cyan (41%)
- Magenta (0%)
- Yellow (38%)
- Black (44%)



- Cyan (67%)
- Magenta (44%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.0906, 21.9354, 12.6711 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 15.0906, 21.9354, 12.6711 by changing the saturation by 10% instead.

■ 15.0906, 21.9354,
12.6711

■ 15.0906, 21.9354,
12.6711

217.2915,
262.2087, 219.9322

■ 8.9697, 13.8094,
7.0744

■ 34.5824, 46.6392,
31.3941

■ 4.7784, 7.9882,
3.4295

■ 48.6840, 63.9858,
45.3575

■ 2.1512, 4.0874,
1.3179

■ 66.1766, 85.1748,
62.9468

■ 0.7169, 1.7226,
0.0764

■ 87.4255, 110.5905,
84.5807

■ 0.0000, 0.4382,
0.0000

■ 112.7961,
140.6174, 110.6776

■ 0.0000, 0.0000,
0.0000

142.6537,

175.6398, 141.6562

177.3637,
216.0421, 177.9348

■ 15.0906, 21.9354,
12.6711

■ 15.0906, 21.9354,
12.6711

■ 13.4473, 21.1465,
9.9903

■ 17.0920, 22.8987,
15.8881

■ 12.1395, 20.5191,
7.8151

■ 19.4692, 24.0430,
19.6668

■ 11.1444, 20.0428,
6.1144

■ 22.2408, 25.3780,
24.0325

■ 10.4359, 19.7047,
4.8527

■ 25.4234, 26.9119,
29.0089

■ 9.9832, 19.4900,
3.9897

■ 29.0329, 28.6522,
34.6181

■ 9.7271, 19.3683,
3.5071

■ 33.0843, 30.6064,
40.8814

■ 37.5919, 32.7812,
47.8188

■ 42.5691, 35.1834,
55.4497

■ 48.0292, 37.8191,
63.7925

Harmonies

Analogous

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



17.8548, 21.9354, 8.4539



15.0906, 21.9354, 12.6711



13.8930, 21.9354, 21.3118

Triad

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



15.0906, 21.9354, 12.6711



19.9304, 21.9354, 54.4811



29.0604, 21.9354, 15.9503

Complementary

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



15.0906, 21.9354, 12.6711



18.9138, 13.9268, 25.7368

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.



29.8082, 21.9354, 26.6550



15.0906, 21.9354, 12.6711



24.1604, 21.9354, 51.5849

Square

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



15.0906, 21.9354, 12.6711



16.4376, 21.9354, 47.2505



27.9124, 21.9354, 40.2953



25.9864, 21.9354, 9.8617

Rectangle

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



15.0906, 21.9354, 12.6711



14.0143, 21.9354, 29.5210



27.9124, 21.9354, 40.2953



29.6076, 21.9354, 19.0144

Sweetspot

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



15.0912, 21.9363, 12.6716



38.4889, 44.3987, 41.2328



21.7775, 25.4019, 12.1429



8.4718, 9.8565, 9.0134



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



15.0912, 21.9363, 12.6716



23.9289, 37.3925, 17.9727



16.5328, 22.5130, 20.2632



5.3570, 6.0350, 5.8461



8.7360, 17.3903, 3.1639



0.0859, 0.1672, 0.0429

Inverse Universe

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



18.9138, 13.9268, 25.7368



31.6171, 21.2719, 44.2409



17.0938, 13.1988, 16.1528



5.6104, 5.5047, 6.7125



13.7706, 6.6653, 20.2411



0.1348, 0.0650, 0.2100

Previews

White Background



This preview shows how the XYZ color 15.0906, 21.9354, 12.6711 looks on a white 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

Black Background



This preview shows how the XYZ color 15.0906, 21.9354, 12.6711 looks on a black 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

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

XYZ 15.0906, 21.9354, 12.6711

Background



This preview shows how black text looks on a background with the XYZ color 15.0906, 21.9354, 12.6711.



This preview shows how white text looks on a background with the XYZ color 15.0906, 21.9354,

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

15.0906, 21.9354, 12.6711

Protanopia

20.0957, 21.6383, 11.3011

Deuteranopia

21.9636, 21.6140, 13.1395



Tritanopia

18.6762, 21.8901, 30.4350

Trichromacy



Original Color

15.0906, 21.9354, 12.6711

Protanomaly

17.7730, 21.4240, 11.7928

Deuteranomaly

18.6234, 21.2326, 13.0143

Tritanomaly

17.2038, 21.9329, 22.7288

Monochromacy



Original Color

15.0906, 21.9354, 12.6711

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

16.2400, 19.3256, 17.0616

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.0906, 21.9354, 12.6711 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, 142, 88)` looks like.

```
.text, #text, p{  
    color:rgb(84, 142, 88)  
}
```

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, 142, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 142, 88) }
```

Border

The CSS property to change the border of an element to XYZ 15.0906, 21.9354, 12.6711 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, 142, 88) }
```


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

```
.border{ border-color:rgb(84, 142, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 142, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 142, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 142, 88);  
box-shadow:4px 4px 4px 4px rgb(84, 142,  
88) }
```

Background

The CSS property to change the background color of an element to XYZ 15.0906, 21.9354, 12.6711 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 142, 88) }
```

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

```
.background{ background-color: rgb(84, 142,  
88) }
```

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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