

Converting Colors

XYZ(15.6249, 21.3657, 12.6523)

Have a look what the booklet for
XYZ(15.6249, 21.3657, 12.6523)
contains.

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Color

**XYZ(15.6110, 21.3311,
12.7457)**

Conversions

Conversions Part 1

Format	Color
Hex	5F8A59
RGB	95, 138, 89
RGB Percent	37%, 54%, 35%
CMY	0.6274, 0.4588, 0.6510
CMYK	0.31, 0.00, 0.36, 0.46
HSL	113°, 22%, 45%
HSV	113°, 36%, 54%
XYZ	15.6110, 21.3311, 12.7457
YIQ	119.5570, -9.8990, -24.3550

Conversions

Conversions Part 2

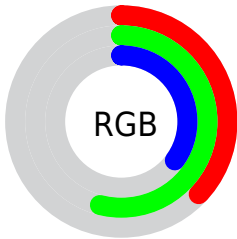
Format	Color
R_{YB}	89, 138, 132
Decimal	6261337
CIE _{Lab}	53.31, -24.93, 21.66
CIE _{LCh}	53, 33.027, 139.008
Yxy	21.3311, 0.3142, 0.4293
Android (android.graphics.Color)	4284451417 (0xFF5F8A59)
YUV	119.5570, -15.0646, -21.5365
Hunter-Lab	46.1856, -20.4908, 15.9678

Details

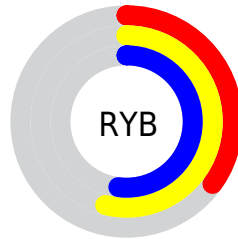
The XYZ color **15.6110, 21.3311, 12.7457** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **17.6763, 13.8858, 25.7944**, and the grayscale version is **17.7605, 18.6854, 20.3484**.

A 20% lighter version of the original color is **35.5425, 45.7664, 31.3866**, and **5.0525, 7.7347, 3.5122** is the 20% darker color. If you saturate the color by 10%, you get **13.9234, 20.5225, 9.9202**, and if you desaturate by 10%, it is **17.6040, 22.2858, 16.1536**.

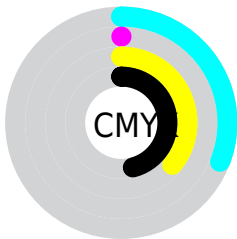
Distribution



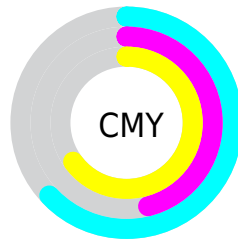
- Red (37%)
- Green (54%)
- Blue (35%)



- Red (35%)
- Yellow (54%)
- Blue (52%)



- Cyan (31%)
- Magenta (0%)
- Yellow (36%)
- Black (46%)



- Cyan (63%)
- Magenta (46%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.6110, 21.3311, 12.7457 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 15.6110, 21.3311, 12.7457 by changing the saturation by 10% instead.

■ 15.6110, 21.3311,
12.7457

■ 15.6110, 21.3311,
12.7457

220.3510,
259.0329, 220.4317

■ 9.3384, 13.3662,
7.1250

■ 35.4845, 45.6379,
31.5306

■ 5.0214, 7.6812,
3.4608

■ 49.8161, 62.7487,
45.5319

■ 2.2947, 3.8917,
1.3345

■ 67.5647, 83.6769,
63.1639

■ 0.7920, 1.6131,
0.0898

■ 89.0958, 108.8069,
84.8449

■ 0.0000, 0.3664,
0.0000

■ 114.7746,
138.5231, 110.9937

■ 0.0000, 0.0000,
0.0000

144.9665,

173.2099, 142.0288

180.0368,
213.2517, 178.3686

■ 15.6110, 21.3311,
12.7457

■ 15.6110, 21.3311,
12.7457

■ 13.9234, 20.5225,
9.9202

■ 17.6040, 22.2858,
16.1536

■ 12.5245, 19.8503,
7.6431

■ 19.9147, 23.3905,
20.1724

■ 11.3983, 19.3076,
5.8793


■ 22.5569, 24.6522,
24.8304


■ 10.5268, 18.8860,
4.5889


■ 25.5430, 26.0769,
30.1538

■ 9.8897, 18.5760,
3.7261


■ 28.8848, 27.6700,
36.1674


 9.4612, 18.3658,
3.2243

 32.5935, 29.4368,
42.8946

 9.3182, 18.2960,
3.0404

 36.6797, 31.3824,
50.3578

 41.1539, 33.5116,
58.5782

 46.0258, 35.8290,
67.5764

Harmonies

Analogous

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



18.1625, 21.3311, 9.3620



15.6110, 21.3311, 12.7457



14.3643, 21.3311, 19.7441

Triad

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



15.6110, 21.3311, 12.7457



19.0193, 21.3311, 47.7223



27.3196, 21.3311, 17.5016

Complementary

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



15.6110, 21.3311, 12.7457



17.6763, 13.8858, 25.7944

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.



27.6175, 21.3311, 27.0948



15.6110, 21.3311, 12.7457



22.5443, 21.3311, 46.6051

Square

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



15.6110, 21.3311, 12.7457



16.1760, 21.3311, 41.0042



25.7851, 21.3311, 38.2863



25.0128, 21.3311, 11.5120

Rectangle

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



15.6110, 21.3311, 12.7457



14.3322, 21.3311, 26.3733



25.7851, 21.3311, 38.2863



27.6672, 21.3311, 20.3395

Sweetspot

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



15.6115, 21.3320, 12.7462



37.0186, 42.1437, 38.9230



20.4644, 22.4837, 12.7127



8.1859, 9.3966, 8.5239



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



15.6115, 21.3320, 12.7462



24.9793, 36.3832, 18.2103



15.8610, 21.3625, 17.1887



5.0251, 5.6357, 5.3753



8.5506, 16.7780, 2.7878



0.0632, 0.1147, 0.0188

Inverse Universe

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



17.6763, 13.8858, 25.7944



29.1966, 21.1335, 44.9235



17.4465, 13.9054, 19.5451



5.1746, 5.0984, 6.3172



11.4570, 5.4204, 22.4881



0.0840, 0.0401, 0.1498

Previews

White Background



This preview shows how the XYZ color 15.6110, 21.3311, 12.7457 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 15.6110, 21.3311, 12.7457 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

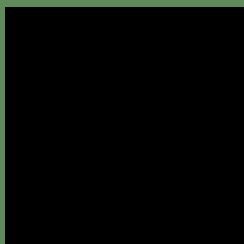
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 15.6110, 21.3311, 12.7457

Background



This preview shows how black text looks on a background with the XYZ color 15.6110, 21.3311, 12.7457.



This preview shows how white text looks on a background with the XYZ color 15.6110, 21.3311,

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

15.6110, 21.3311, 12.7457

Protanopia

19.6708, 21.2221, 11.4470

Deuteranopia

21.5130, 21.1934, 13.3128



Tritanopia

18.7077, 21.1286, 28.6834

Trichromacy



Original Color

15.6110, 21.3311, 12.7457

Protanomaly

17.8221, 21.0421, 11.9263

Deuteranomaly

18.8569, 20.9569, 13.1764

Tritanomaly

17.4671, 21.2470, 21.9194

Monochromacy



Original Color

15.6110, 21.3311, 12.7457

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

16.9052, 19.6624, 17.3722

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.6110, 21.3311, 12.7457 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(95, 138, 89)` looks like.

```
.text, #text, p{  
    color:rgb(95, 138, 89)  
}
```

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(95, 138, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 138, 89) }
```

Border

The CSS property to change the border of an element to XYZ 15.6110, 21.3311, 12.7457 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(95, 138, 89) }
```


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

```
.border{ border-color:rgb(95, 138, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 138, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 138, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 138, 89);  
box-shadow:4px 4px 4px 4px rgb(95, 138,  
89) }
```

Background

The CSS property to change the background color of an element to XYZ 15.6110, 21.3311, 12.7457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 138, 89) }
```

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

```
.background{ background-color: rgb(95, 138,  
89) }
```

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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