

Converting Colors

XYZ(15.8329, 22.6050, 11.5393)

Have a look what the booklet for
XYZ(15.8329, 22.6050, 11.5393)
contains.

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Color

**XYZ(15.7591, 22.5294,
11.5007)**

Conversions

Conversions Part 1

Format	Color
Hex	5C8F52
RGB	92, 143, 82
RGB Percent	36%, 56%, 32%
CMY	0.6392, 0.4392, 0.6784
CMYK	0.36, 0.00, 0.43, 0.44
HSL	110°, 27%, 44%
HSV	110°, 43%, 56%
XYZ	15.7591, 22.5294, 11.5007
YIQ	120.7970, -10.8150, -29.7830

Conversions

Conversions Part 2

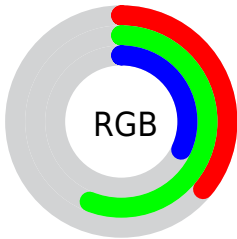
Format	Color
R_{YB}	82, 143, 133
Decimal	6066002
CIE _{Lab}	54.58, -29.56, 27.16
CIE _{LCh}	55, 40.139, 137.425
Yxy	22.5294, 0.3165, 0.4525
Android (android.graphics.Color)	4284256082 (0xFF5C8F52)
YUV	120.7970, -19.1269, -25.2550
Hunter-Lab	47.4651, -23.7995, 18.8598

Details

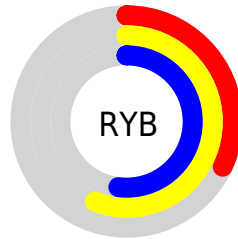
The XYZ color **15.7591, 22.5294, 11.5007** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **17.6491, 13.0050, 27.5677**, and the grayscale version is **18.1712, 19.1175, 20.8190**.

A 20% lighter version of the original color is **35.6327, 47.5277, 29.1255**, and **5.0854, 8.2679, 2.9179** is the 20% darker color. If you saturate the color by 10%, you get **14.1692, 21.7669, 8.8759**, and if you desaturate by 10%, it is **17.6521, 23.4364, 14.7327**.

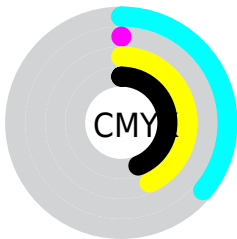
Distribution



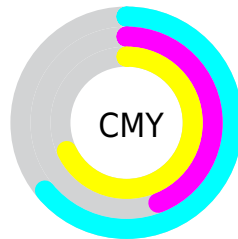
- Red (36%)
- Green (56%)
- Blue (32%)



- Red (32%)
- Yellow (56%)
- Blue (52%)



- Cyan (36%)
- Magenta (0%)
- Yellow (43%)
- Black (44%)



- Cyan (64%)
- Magenta (44%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.7591, 22.5294, 11.5007 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 15.7591, 22.5294, 11.5007 by changing the saturation by 10% instead.

■ 15.7591, 22.5294,
11.5007

■ 15.7591, 22.5294,
11.5007

221.2144,
265.2986, 211.9304

■ 9.4436, 14.2464,
6.2863

■ 35.7403, 47.6194,
29.2331

■ 5.0911, 8.2922,
2.9483

■ 50.1368, 65.1953,
42.5881

■ 2.3361, 4.2825,
1.0683

■ 67.9576, 86.6375,
59.4938

■ 0.8130, 1.8328,
0.0000

■ 89.5681, 112.3306,
80.3686

■ 0.0000, 0.5075,
0.0000

■ 115.3337,
142.6588, 105.6312

■ 0.0000, 0.0000,
0.0000

145.6197,

178.0066, 135.6999

180.7915,
218.7584, 170.9935

■ 15.7591, 22.5294,
11.5007

■ 15.7591, 22.5294,
11.5007

■ 14.1692, 21.7669,
8.8759

■ 17.6521, 23.4364,
14.7327

■ 12.8648, 21.1387,
6.8189

■ 19.8612, 24.4918,
18.6050

■ 11.8290, 20.6375,
5.2882


■ 22.4008, 25.7031,
23.1500

■ 11.0425, 20.2545,
4.2360


■ 25.2838, 27.0761,
28.3976


■ 10.4829, 19.9794,
3.6056


■ 28.5225, 28.6168,
34.3757

 10.1864, 19.8332,
3.2913

 32.1284, 30.3303,
41.1109

 36.1127, 32.2220,
48.6284

 40.4859, 34.2968,
56.9522

 45.2584, 36.5595,
66.1053

Harmonies

Analogous

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



18.9745, 22.5294, 7.8953



15.7591, 22.5294, 11.5007



14.1609, 22.5294, 19.6164

Triad

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



15.7591, 22.5294, 11.5007



19.6207, 22.5294, 56.6657



30.5605, 22.5294, 17.9565

Complementary

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



15.7591, 22.5294, 11.5007



17.6491, 13.0050, 27.5677

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.



30.7964, 22.5294, 30.2040



15.7591, 22.5294, 11.5007



24.0530, 22.5294, 55.7420

Square

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



15.7591, 22.5294, 11.5007



16.1760, 22.5294, 47.0975



28.2806, 22.5294, 44.8897



27.6746, 22.5294, 10.6464

Rectangle

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



15.7591, 22.5294, 11.5007



14.0608, 22.5294, 27.8028



28.2806, 22.5294, 44.8897



30.9652, 22.5294, 21.5259

Sweetspot

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



15.7597, 22.5304, 11.5012



39.8162, 45.8860, 40.9177



21.2164, 23.1793, 11.3389



8.9106, 10.4177, 8.9869



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



15.7597, 22.5304, 11.5012



25.5244, 39.0519, 16.1384



15.7177, 22.4057, 16.1541



5.4202, 6.0692, 5.7752



9.0192, 17.5421, 2.9106



0.0987, 0.1742, 0.0284

Inverse Universe

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



17.6491, 13.0050, 27.5677



29.3434, 19.6821, 48.7905



17.9001, 13.2966, 20.2536



5.5407, 5.4669, 6.7920



11.1934, 5.2640, 23.4032



0.1220, 0.0580, 0.2245

Previews

White Background



This preview shows how the XYZ color 15.7591, 22.5294, 11.5007 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 15.7591, 22.5294, 11.5007 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 15.7591, 22.5294, 11.5007

Background



This preview shows how black text looks on a background with the XYZ color 15.7591, 22.5294, 11.5007.



This preview shows how white text looks on a background with the XYZ color 15.7591, 22.5294,

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

15.7591, 22.5294, 11.5007

Protanopia

20.4775, 22.2519, 10.2369

Deuteranopia

22.5977, 22.1551, 11.8894



Tritanopia

19.7014, 22.6267, 30.5231

Trichromacy



Original Color

15.7591, 22.5294, 11.5007

Protanomaly

18.3874, 22.1775, 10.7087

Deuteranomaly

19.4289, 21.8750, 11.7926

Tritanomaly

18.0633, 22.6046, 22.1500

Monochromacy



Original Color

15.7591, 22.5294, 11.5007

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

16.9345, 20.0770, 16.8926

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.7591, 22.5294, 11.5007 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(92, 143, 82)` looks like.

```
.text, #text, p{  
    color:rgb(92, 143, 82)  
}
```

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(92, 143, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 143, 82) }
```

Border

The CSS property to change the border of an element to XYZ 15.7591, 22.5294, 11.5007 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(92, 143, 82) }
```


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

```
.border{ border-color:rgb(92, 143, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 143, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 143, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 143, 82);  
box-shadow:4px 4px 4px 4px rgb(92, 143,  
82) }
```

Background

The CSS property to change the background color of an element to XYZ 15.7591, 22.5294, 11.5007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 143, 82) }
```

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

```
.background{ background-color: rgb(92, 143,  
82) }
```

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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