

Converting Colors

XYZ(15.8028, 20.9826, 14.9258)

Have a look what the booklet for
XYZ(15.8028, 20.9826, 14.9258)
contains.

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Color

**XYZ(15.7756, 20.9421,
15.0151)**

Conversions

Conversions Part 1

Format	Color
Hex	5F8863
RGB	95, 136, 99
RGB Percent	37%, 53%, 39%
CMY	0.6274, 0.4667, 0.6118
CMYK	0.30, 0.00, 0.27, 0.47
HSL	126°, 18%, 45%
HSV	126°, 30%, 53%
XYZ	15.7756, 20.9421, 15.0151
YIQ	119.5230, -12.5590, -20.1990

Conversions

Conversions Part 2

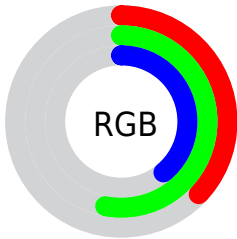
Format	Color
R_{YB}	95, 132, 136
Decimal	6260835
CIE _{Lab}	52.89, -22.14, 15.44
CIE _{LCh}	53, 26.994, 145.110
Yxy	20.9421, 0.3049, 0.4048
Android (android.graphics.Color)	4284450915 (0xFF5F8863)
YUV	119.5230, -10.1178, -21.5067
Hunter-Lab	45.7625, -18.5506, 12.5802

Details

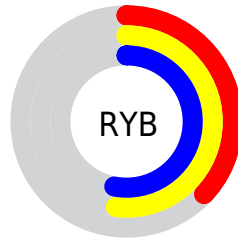
The XYZ color **15.7756, 20.9421, 15.0151** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **18.4111, 15.0850, 23.7720**, and the grayscale version is **17.7350, 18.6586, 20.3192**.

A 20% lighter version of the original color is **35.9511, 45.2320, 35.6900**, and **5.1199, 7.5078, 4.4281** is the 20% darker color. If you saturate the color by 10%, you get **13.9415, 20.0599, 12.0958**, and if you desaturate by 10%, it is **17.9467, 21.9889, 18.4167**.

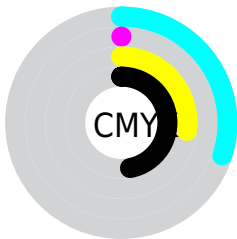
Distribution



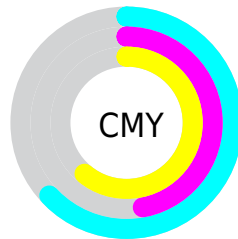
- Red (37%)
- Green (53%)
- Blue (39%)



- Red (37%)
- Yellow (52%)
- Blue (53%)



- Cyan (30%)
- Magenta (0%)
- Yellow (27%)
- Black (47%)



- Cyan (63%)
- Magenta (47%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.7756, 20.9421, 15.0151 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 15.7756, 20.9421, 15.0151 by changing the saturation by 10% instead.

■ 15.7756, 20.9421,
15.0151

■ 15.7756, 20.9421,
15.0151

221.3104,
256.9706, 235.1015

■ 9.4553, 13.0817,
8.6832

■ 35.7688, 44.9912,
35.6223

■ 5.0988, 7.4848,
4.4412

■ 50.1724, 61.9486,
50.7348

■ 2.3407, 3.7671,
1.8704

■ 68.0013, 82.7071,
69.6112

■ 0.8154, 1.5442,
0.4738

■ 89.6206, 107.6512,
92.6701

■ 0.0000, 0.3195,
0.0000

115.3959,
137.1652, 120.3301

■ 0.0000, 0.0000,
0.0000

145.6923,

171.6335, 153.0096

180.8754,
211.4405, 191.1272

■ 15.7756, 20.9421,
15.0151

■ 15.7756, 20.9421,
15.0151

■ 13.9415, 20.0599,
12.0958

■ 17.9467, 21.9889,
18.4167

■ 12.4260, 19.3315,
9.6356

■ 20.4687, 23.2053,
22.3194

■ 11.2111, 18.7488,
7.6115

■ 23.3570, 24.5993,
26.7431

■ 10.2769, 18.3019,
5.9982

■ 26.6252, 26.1777,
31.7057

■ 9.6005, 17.9798,
4.7674

■ 30.2867, 27.9469,
37.2247

■ 9.1559, 17.7696,
3.8876

■ 34.3538, 29.9129,
43.3165

■ 8.8790, 17.6389,
3.3266

■ 38.8384, 32.0816,
49.9970

■ 43.7521, 34.4586,
57.2815

■ 49.1057, 37.0491,
65.1845

Harmonies

Analogous

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



17.6888, 20.9421, 11.4225



15.7756, 20.9421, 15.0151



14.9709, 20.9421, 21.5026

Triad

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



15.7756, 20.9421, 15.0151



19.4457, 20.9421, 42.0666



25.2364, 20.9421, 16.8204

Complementary

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



15.7756, 20.9421, 15.0151



18.4111, 15.0850, 23.7720

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.



25.8187, 20.9421, 24.1535



15.7756, 20.9421, 15.0151



22.2987, 20.9421, 39.9771

Square

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



15.7756, 20.9421, 15.0151



16.9582, 20.9421, 38.0810



24.6982, 20.9421, 32.9021



23.1744, 20.9421, 12.2790

Rectangle

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



15.7756, 20.9421, 15.0151



15.1102, 20.9421, 27.1002



24.6982, 20.9421, 32.9021



25.6195, 20.9421, 18.9848

Sweetspot

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



15.7762, 20.9430, 15.0156



36.5270, 41.1130, 40.0344



20.4778, 23.3883, 14.2617



8.3162, 9.4523, 9.0514



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.



15.7762, 20.9430, 15.0156



25.5923, 35.8427, 22.9556



16.8489, 21.3721, 20.6644



4.9904, 5.6156, 5.4705



8.4051, 16.6946, 3.1581



0.0581, 0.1118, 0.0328

Inverse Universe

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



18.4111, 15.0850, 23.7720



30.9886, 23.8408, 40.8846



17.1755, 14.5908, 17.2651



5.2132, 5.1207, 6.2110



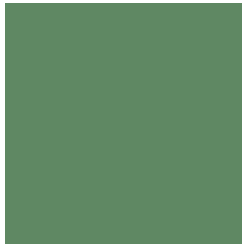
12.9795, 6.3019, 18.1944



0.0891, 0.0430, 0.1358

Previews

White Background



This preview shows how the XYZ color 15.7756, 20.9421, 15.0151 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 15.7756, 20.9421, 15.0151 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 15.7756, 20.9421, 15.0151

Background



This preview shows how black text looks on a background with the XYZ color 15.7756, 20.9421, 15.0151.



This preview shows how white text looks on a background with the XYZ color 15.7756, 20.9421,

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

15.7756, 20.9421, 15.0151

Protanopia

19.4729, 20.8808, 13.5937

Deuteranopia

21.0897, 20.7450, 15.4630



Tritanopia

18.5175, 21.0393, 28.2843

Trichromacy



Original Color

15.7756, 20.9421, 15.0151

Protanomaly

17.8397, 20.8029, 14.1414

Deuteranomaly

18.5622, 20.3733, 15.2660

Tritanomaly

17.4090, 20.9907, 22.8727

Monochromacy



Original Color

15.7756, 20.9421, 15.0151

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

16.9410, 19.4711, 18.1946

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.7756, 20.9421, 15.0151 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, 136, 99)` looks like.

```
.text, #text, p{  
    color:rgb(95, 136, 99)  
}
```

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, 136, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 136, 99) }
```

Border

The CSS property to change the border of an element to XYZ 15.7756, 20.9421, 15.0151 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, 136, 99) }
```


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

```
.border{ border-color:rgb(95, 136, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 136, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 136, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 136, 99);  
box-shadow:4px 4px 4px 4px rgb(95, 136,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 15.7756, 20.9421, 15.0151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 136, 99) }
```

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

```
.background{ background-color: rgb(95, 136,  
99) }
```

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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