

Converting Colors

XYZ(20.5912, 28.5108, 16.0230)

Have a look what the booklet for
XYZ(20.5912, 28.5108, 16.0230)
contains.

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Color

**XYZ(20.6158, 28.5237,
15.9743)**

Conversions

Conversions Part 1

Format	Color
Hex	6C9E62
RGB	108, 158, 98
RGB Percent	42%, 62%, 38%
CMY	0.5765, 0.3804, 0.6157
CMYK	0.32, 0.00, 0.38, 0.38
HSL	110°, 24%, 50%
HSV	110°, 38%, 62%
XYZ	20.6158, 28.5237, 15.9743
YIQ	136.2100, -10.5400, -29.2600

Conversions

Conversions Part 2

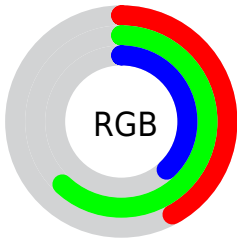
Format	Color
R_{YB}	98, 158, 148
Decimal	7118434
CIE _{Lab}	60.36, -28.72, 26.17
CIE _{LCh}	60, 38.853, 137.657
Yxy	28.5237, 0.3166, 0.4381
Android (android.graphics.Color)	4285308514 (0xFF6C9E62)
YUV	136.2100, -18.8375, -24.7402
Hunter-Lab	53.4076, -24.5607, 19.6516

Details

The XYZ color **20.6158, 28.5237, 15.9743** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **22.7532, 17.5007, 34.5280**, and the grayscale version is **23.5523, 24.7789, 26.9842**.

A 20% lighter version of the original color is **43.9170, 57.3355, 37.1860**, and **7.4747, 11.4379, 4.8314** is the 20% darker color. If you saturate the color by 10%, you get **18.4601, 27.4911, 12.3562**, and if you desaturate by 10%, it is **23.1621, 29.7423, 20.3806**.

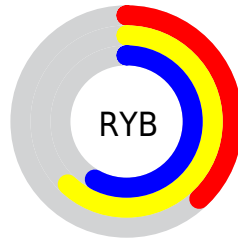
Distribution



Red (42%)

Green (62%)

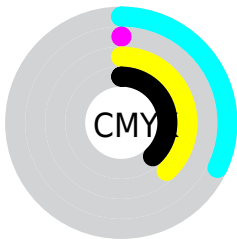
Blue (38%)



Red (38%)

Yellow (62%)

Blue (58%)

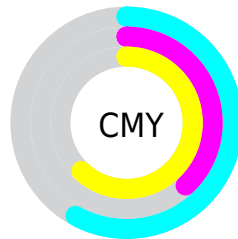


Cyan (32%)

Magenta (0%)

Yellow (38%)

Black (38%)



Cyan (58%)

Magenta (38%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.6158, 28.5237, 15.9743 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 20.6158, 28.5237, 15.9743 by changing the saturation by 10% instead.

■ 20.6158, 28.5237,
15.9743

■ 20.6158, 28.5237,
15.9743

248.0001,
294.9610, 241.0305

■ 12.9543, 18.7208,
9.3518

■ 43.9433, 57.3195,
37.3198

■ 7.4739, 11.4687,
4.8714

■ 60.3401, 77.0811,
52.8798

■ 3.8091, 6.3830,
2.1146

■ 80.3794, 100.9312,
72.2561

■ 1.5947, 3.0794,
0.6244

■ 104.4264,
129.2540, 95.8672

■ 0.3890, 1.1733,
0.0000

132.8467,
162.4340, 124.1317

■ 0.0000, 0.0397,
0.0000

166.0055,

■ 0.0000, 0.0000,

200.8556, 157.4680

0.0000

204.2682,
244.9031, 196.2948

■ 20.6158, 28.5237,
15.9743

■ 20.6158, 28.5237,
15.9743

■ 18.4601, 27.4911,
12.3562

■ 23.1621, 29.7423,
20.3806

■ 16.6734, 26.6319,
9.4781

■ 26.1151, 31.1518,
25.6159

■ 15.2350, 25.9373,
7.2894


■ 29.4923, 32.7612,
31.7203


■ 14.1216, 25.3966,
5.7324


■ 33.3098, 34.5780,
38.7307


■ 13.3065, 24.9976,
4.7398


■ 37.5828, 36.6093,
46.6822


 12.7516, 24.7230,
4.1918

 42.3258, 38.8617,
55.6075

 12.6619, 24.6789,
4.0961

 47.5524, 41.3417,
65.5383

 53.2759, 44.0555,
76.5045

 59.5091, 47.0090,
88.5347

Harmonies

Analogous

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



24.3019, 28.5237, 11.5338



20.6158, 28.5237, 15.9743



18.7719, 28.5237, 25.5426

Triad

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



20.6158, 28.5237, 15.9743



25.1099, 28.5237, 66.4061



37.3272, 28.5237, 23.4417

Complementary

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



20.6158, 28.5237, 15.9743



22.7532, 17.5007, 34.5280

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.



37.6130, 28.5237, 37.3140



20.6158, 28.5237, 15.9743



30.1285, 28.5237, 65.3172

Square

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



20.6158, 28.5237, 15.9743



21.1446, 28.5237, 56.1359



34.8443, 28.5237, 53.5037



34.1057, 28.5237, 14.8450

Rectangle

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



20.6158, 28.5237, 15.9743



18.6654, 28.5237, 34.8669



34.8443, 28.5237, 53.5037



37.7829, 28.5237, 27.5361

Sweetspot

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



20.6165, 28.5249, 15.9749



51.4823, 58.5041, 53.8328



26.8963, 29.3321, 15.7997



11.4293, 13.1052, 11.8153



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



20.6165, 28.5249, 15.9749



33.9105, 50.1080, 23.0790



20.5348, 28.3597, 21.5319



6.6487, 7.4515, 7.0735



10.1643, 19.7766, 3.2816



0.2070, 0.3666, 0.0599

Inverse Universe

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



22.7532, 17.5007, 34.5280



38.3654, 27.0091, 61.9346



23.0567, 17.8402, 26.2741



6.7956, 6.6986, 8.3415



12.5510, 5.8993, 26.3844



0.2507, 0.1190, 0.4730

Previews

White Background



This preview shows how the XYZ color 20.6158, 28.5237, 15.9743 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 20.6158, 28.5237, 15.9743 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 20.6158, 28.5237, 15.9743

Background



This preview shows how black text looks on a background with the XYZ color 20.6158, 28.5237, 15.9743.



This preview shows how white text looks on a background with the XYZ color 20.6158, 28.5237,

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

20.6158, 28.5237, 15.9743

Protanopia

26.2017, 28.3102, 14.4394

Deuteranopia

28.6441, 28.1952, 16.5029



Tritanopia

25.0357, 28.3433, 38.3337

Trichromacy



Original Color

20.6158, 28.5237, 15.9743

Protanomaly

23.7871, 28.2144, 15.0187

Deuteranomaly

25.0223, 27.8869, 16.3758

Tritanomaly

23.1217, 28.2914, 28.6682

Monochromacy



Original Color

20.6158, 28.5237, 15.9743

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

22.0903, 25.7873, 22.2255

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.6158, 28.5237, 15.9743 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(108, 158, 98)` looks like.

```
.text, #text, p{  
    color:rgb(108, 158, 98)  
}
```

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(108, 158, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 158, 98) }
```

Border

The CSS property to change the border of an element to XYZ 20.6158, 28.5237, 15.9743 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(108, 158, 98) }
```


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

```
.border{ border-color:rgb(108, 158, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 158, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 158, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 158, 98);  
box-shadow:4px 4px 4px 4px rgb(108, 158,  
98) }
```

Background

The CSS property to change the background color of an element to XYZ 20.6158, 28.5237, 15.9743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 158, 98) }
```

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

```
.background{ background-color: rgb(108,  
158, 98) }
```

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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