

Converting Colors

XYZ(20.5654, 28.8351, 12.2664)

Have a look what the booklet for
XYZ(20.5654, 28.8351, 12.2664)
contains.

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Color

**XYZ(20.5654, 28.8351,
12.2664)**

Conversions

Conversions Part 1

Format	Color
Hex	709F51
RGB	112, 159, 81
RGB Percent	44%, 62%, 32%
CMY	0.5608, 0.3765, 0.6823
CMYK	0.30, 0.00, 0.49, 0.38
HSL	96°, 32%, 47%
HSV	96°, 49%, 62%
XYZ	20.5654, 28.8351, 12.2664
YIQ	136.0550, -2.9740, -34.2220

Conversions

Conversions Part 2

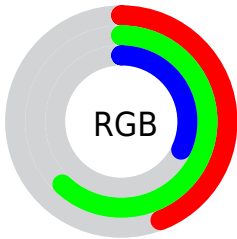
Format	Color
R_{YB}	81, 159, 128
Decimal	7380817
CIE _{Lab}	60.64, -30.16, 35.54
CIE _{LCh}	61, 46.607, 130.317
Yxy	28.8351, 0.3335, 0.4676
Android (android.graphics.Color)	4285570897 (0xFF709F51)
YUV	136.0550, -27.1421, -21.0962
Hunter-Lab	53.6983, -25.6101, 24.0451

Details

The XYZ color **20.5654, 28.8351, 12.2664** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **18.1039, 12.9782, 34.3534**, and the grayscale version is **23.5223, 24.7473, 26.9498**.

A 20% lighter version of the original color is **43.9373, 57.8661, 30.6833**, and **7.4567, 11.6173, 3.2882** is the 20% darker color. If you saturate the color by 10%, you get **18.8829, 28.0296, 9.4315**, and if you desaturate by 10%, it is **22.5188, 29.7658, 15.8440**.

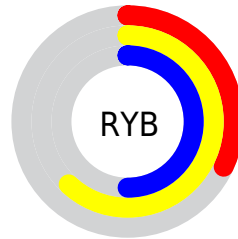
Distribution



Red (44%)

Green (62%)

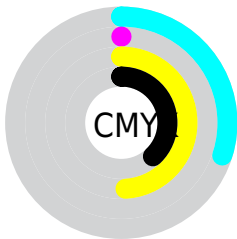
Blue (32%)



Red (32%)

Yellow (62%)

Blue (50%)

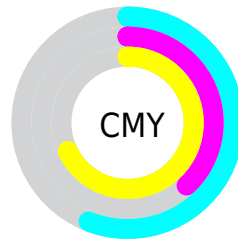


Cyan (30%)

Magenta (0%)

Yellow (49%)

Black (38%)



Cyan (56%)

Magenta (38%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.5654, 28.8351, 12.2664 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 20.5654, 28.8351, 12.2664 by changing the saturation by 10% instead.

■ 20.5654, 28.8351,
12.2664

■ 20.5654, 28.8351,
12.2664

247.7354,
296.4361, 217.2012

■ 12.9173, 18.9561,
6.8006

■ 43.8599, 57.8150,
30.6510

■ 7.4483, 11.6386,
3.2612

■ 60.2370, 77.6847,
44.4069

■ 3.7928, 6.4981,
1.2295

■ 80.2545, 101.6534,
61.7633

■ 1.5856, 3.1502,
0.0029

■ 104.2777,
130.1055, 83.1387

■ 0.3830, 1.2107,
0.0000

■ 132.6721,
163.4255, 108.9516

■ 0.0000, 0.0704,
0.0000

165.8029,

■ 0.0000, 0.0000,

201.9976, 139.6207

0.0000

204.0356,
246.2064, 175.5643

■ 20.5654, 28.8351,
12.2664

■ 20.5654, 28.8351,
12.2664

■ 18.8829, 28.0296,
9.4315

■ 22.5188, 29.7658,
15.8440

■ 17.4551, 27.3396,
7.2852

■ 24.7536, 30.8236,
20.2096

■ 16.2673, 26.7596,
5.7688


■ 27.2826, 32.0149,
25.4072


■ 15.3021, 26.2822,
4.8134


■ 30.1168, 33.3446,
31.4769


■ 14.5273, 25.8939,
4.2754


■ 33.2669, 34.8173,
38.4564

 14.4607, 25.8605,
4.2294

 36.7427, 36.4374,
46.3809

 40.5538, 38.2089,
55.2840

 44.7093, 40.1361,
65.1974

 49.2180, 42.2226,
76.1517

Harmonies

Analogous

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



25.3814, 28.8351, 8.7409



20.5654, 28.8351, 12.2664



17.8708, 28.8351, 21.4828

Triad

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



20.5654, 28.8351, 12.2664



23.6822, 28.8351, 74.2189



40.4778, 28.8351, 25.8145

Complementary

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



20.5654, 28.8351, 12.2664



18.1039, 12.9782, 34.3534

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.



39.8452, 28.8351, 43.9693



20.5654, 28.8351, 12.2664



29.5374, 28.8351, 76.7388

Square

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



20.5654, 28.8351, 12.2664



19.4790, 28.8351, 58.1718



35.6188, 28.8351, 64.1532



37.2380, 28.8351, 14.4330

Rectangle

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



20.5654, 28.8351, 12.2664



17.3660, 28.8351, 31.5804



35.6188, 28.8351, 64.1532



40.7213, 28.8351, 31.2133

Sweetspot

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



20.5661, 28.8363, 12.2670



50.7072, 58.2015, 49.4118



23.4776, 23.3524, 11.0551



11.2102, 13.0174, 10.6691



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.



20.5661, 28.8363, 12.2670



33.5221, 50.0547, 16.4237



17.5872, 27.2649, 13.7434



6.7877, 7.5232, 7.0800



11.4655, 20.4474, 3.3425



0.2512, 0.3894, 0.0619

Inverse Universe

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



18.1039, 12.9782, 34.3534



28.5557, 18.2120, 60.7537



22.8438, 15.4975, 31.1522



6.6488, 6.6229, 8.3346



8.7853, 3.9580, 26.2082



0.2038, 0.0948, 0.4708

Previews

White Background



This preview shows how the XYZ color 20.5654, 28.8351, 12.2664 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 20.5654, 28.8351, 12.2664 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 20.5654, 28.8351, 12.2664

Background



This preview shows how black text looks on a background with the XYZ color 20.5654, 28.8351, 12.2664.



This preview shows how white text looks on a background with the XYZ color 20.5654, 28.8351,

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

20.5654, 28.8351, 12.2664

Protanopia

26.2813, 28.6566, 10.9836

Deuteranopia

29.0438, 28.4842, 12.7713



Tritanopia

25.7401, 28.7064, 38.3667

Trichromacy



Original Color

20.5654, 28.8351, 12.2664

Protanomaly

23.7694, 28.5229, 11.4604

Deuteranomaly

25.0160, 27.9702, 12.4678

Tritanomaly

23.3706, 28.4690, 26.4536

Monochromacy



Original Color

20.5654, 28.8351, 12.2664

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

21.8780, 25.7195, 20.3343

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.5654, 28.8351, 12.2664 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(112, 159, 81)` looks like.

```
.text, #text, p{  
    color:rgb(112, 159, 81)  
}
```

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(112, 159, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 159, 81) }
```

Border

The CSS property to change the border of an element to XYZ 20.5654, 28.8351, 12.2664 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(112, 159, 81) }
```


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

```
.border{ border-color:rgb(112, 159, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 159, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 159, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 159, 81);  
box-shadow:4px 4px 4px 4px rgb(112, 159,  
81) }
```

Background

The CSS property to change the background color of an element to XYZ 20.5654, 28.8351, 12.2664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 159, 81) }
```

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

```
.background{ background-color: rgb(112,  
159, 81) }
```

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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