

Converting Colors

XYZ(20.1008, 27.9024, 7.5727)

Have a look what the booklet for
XYZ(20.1008, 27.9024, 7.5727)
contains.

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Color

**XYZ(20.1160, 27.9468,
7.5829)**

Conversions

Conversions Part 1

Format	Color
Hex	779C34
RGB	119, 156, 52
RGB Percent	47%, 61%, 20%
CMY	0.5333, 0.3882, 0.7961
CMYK	0.24, 0.00, 0.67, 0.39
HSL	81°, 50%, 41%
HSV	81°, 67%, 61%
XYZ	20.1160, 27.9468, 7.5829
YIQ	133.0810, 11.3320, -40.1880

Conversions

Conversions Part 2

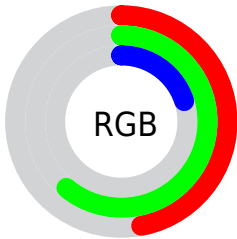
Format	Color
RYB	52, 156, 89
Decimal	7838772
CIELab	59.84, -28.93, 48.47
CIELCh	60, 56.451, 120.829
Yxy	27.9468, 0.3615, 0.5022
Android (android.graphics.Color)	4286028852 (0xFF779C34)
YUV	133.0810, -39.9729, -12.3490
Hunter-Lab	52.8647, -24.5908, 28.5008

Details

The XYZ color **20.1160, 27.9468, 7.5829** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **11.3498, 6.9810, 32.2034**, and the grayscale version is **22.4627, 23.6325, 25.7358**.

A 20% lighter version of the original color is **43.2485, 56.5867, 21.7396**, and **7.2983, 11.2614, 1.7890** is the 20% darker color. If you saturate the color by 10%, you get **19.0816, 27.4486, 5.9939**, and if you desaturate by 10%, it is **21.3123, 28.5169, 9.7867**.

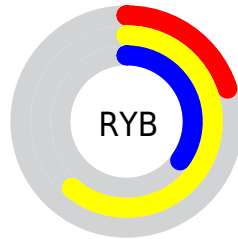
Distribution



Red (47%)

Green (61%)

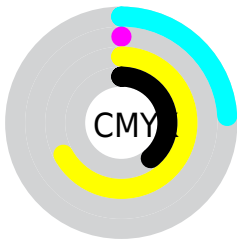
Blue (20%)



Red (20%)

Yellow (61%)

Blue (35%)

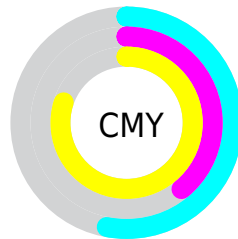


Cyan (24%)

Magenta (0%)

Yellow (67%)

Black (39%)



Cyan (53%)

Magenta (39%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.1160, 27.9468, 7.5829 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 20.1160, 27.9468, 7.5829 by changing the saturation by 10% instead.

■ 20.1160, 27.9468,
7.5829

■ 20.1160, 27.9468,
7.5829

■ 245.3640,
292.2126, 182.2336

■ 12.5881, 18.2856,
3.7453

■ 43.1140, 56.3995,
21.6691

■ 7.2206, 11.1552,
1.4867

■ 59.3149, 75.9597,
32.7548

■ 3.6480, 6.1713,
0.2080

■ 79.1376, 99.5884,
47.0937

■ 1.5050, 2.9495,
0.0000

■ 102.9473,
127.6700, 65.1042

■ 0.3292, 1.1054,
0.0000

■ 131.1094,
160.5888, 87.2049

■ 0.0000, 0.0000,
0.0000

■ 163.9893,

198.7292, 113.8143

201.9524,
242.4757, 145.3510

■ 20.1160, 27.9468,
7.5829

■ 20.1160, 27.9468,
7.5829

■ 19.0816, 27.4486,
5.9939

■ 21.3123, 28.5169,
9.7867

■ 18.1945, 27.0133,
4.9551

■ 22.6797, 29.1597,
12.6581

■ 17.4365, 26.6347,
4.3714

■ 24.2288, 29.8804,
16.2460

■ 17.1996, 26.5159,
4.2116

■ 25.9684, 30.6828,
20.5945

■ 27.9071, 31.5703,
25.7439

■ 30.0527, 32.5460,
31.7317

■ 32.4123, 33.6131,
38.5933

■ 34.9931, 34.7742,
46.3618

■ 37.8015, 36.0322,
55.0685

Harmonies

Analogous

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



26.3639, 27.9468, 5.5858



20.1160, 27.9468, 7.5829



16.2676, 27.9468, 14.9787

Triad

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



20.1160, 27.9468, 7.5829



20.4040, 27.9468, 79.4437



42.8348, 27.9468, 29.8624

Complementary

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



20.1160, 27.9468, 7.5829



11.3498, 6.9810, 32.2034

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.



40.4812, 27.9468, 53.9641



20.1160, 27.9468, 7.5829



26.7623, 27.9468, 89.2941

Square

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



20.1160, 27.9468, 7.5829



16.4116, 27.9468, 55.4248



34.2574, 27.9468, 78.3670



40.2180, 27.9468, 14.3711

Rectangle

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



20.1160, 27.9468, 7.5829



15.1618, 27.9468, 24.5705



34.2574, 27.9468, 78.3670



42.5953, 27.9468, 37.1524

Sweetspot

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



20.1167, 27.9480, 7.5835



49.3279, 56.7179, 43.0922



17.8539, 14.3622, 5.0804



10.6530, 12.3882, 8.9475



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



20.1167, 27.9480, 7.5835



33.8315, 49.4491, 9.8411



14.8654, 25.2409, 7.3377



6.9410, 7.6022, 7.0872



14.2051, 21.8597, 3.4707



0.2985, 0.4138, 0.0641

Inverse Universe

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



11.3498, 6.9810, 32.2034



16.8164, 8.5770, 57.8959



18.1126, 10.4673, 32.5199



6.4964, 6.5444, 8.3275



6.2985, 2.6760, 26.0918



0.1565, 0.0705, 0.4686

Previews

White Background



This preview shows how the XYZ color 20.1160, 27.9468, 7.5829 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 20.1160, 27.9468, 7.5829 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 20.1160, 27.9468, 7.5829

Background



This preview shows how black text looks on a background with the XYZ color 20.1160, 27.9468, 7.5829.



This preview shows how white text looks on a background with the XYZ color 20.1160, 27.9468,

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

20.1160, 27.9468, 7.5829

Protanopia

25.2256, 27.7453, 6.9316

Deuteranopia

28.2998, 27.7805, 7.8736



Tritanopia

25.8804, 27.8976, 35.9190

Trichromacy



Original Color

20.1160, 27.9468, 7.5829

Protanomaly

23.0197, 27.5211, 7.1164

Deuteranomaly

24.5917, 27.4001, 7.7340

Tritanomaly

22.9885, 27.6566, 21.5794

Monochromacy



Original Color

20.1160, 27.9468, 7.5829

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

20.9257, 24.6384, 16.7495

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.1160, 27.9468, 7.5829 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(119, 156, 52)` looks like.

```
.text, #text, p{  
    color:rgb(119, 156, 52)  
}
```

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(119, 156, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 156, 52) }
```

Border

The CSS property to change the border of an element to XYZ 20.1160, 27.9468, 7.5829 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(119, 156, 52) }
```


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

```
.border{ border-color:rgb(119, 156, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 156, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 156, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 156, 52);  
box-shadow:4px 4px 4px 4px rgb(119, 156,  
52) }
```

Background

The CSS property to change the background color of an element to XYZ 20.1160, 27.9468, 7.5829 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 156, 52) }
```

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

```
.background{ background-color: rgb(119,  
156, 52) }
```

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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