

Converting Colors

XYZ(20.0558, 28.7224, 5.4642)

Have a look what the booklet for
XYZ(20.0558, 28.7224, 5.4642)
contains.

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Color

**XYZ(20.0558, 28.7224,
5.4642)**

Conversions

Conversions Part 1

Format	Color
Hex	769F1A
RGB	118, 159, 26
RGB Percent	46%, 62%, 10%
CMY	0.5373, 0.3765, 0.8980
CMYK	0.26, 0.00, 0.84, 0.38
HSL	78°, 72%, 36%
HSV	78°, 84%, 62%
XYZ	20.0558, 28.7224, 5.4642
YIQ	131.5790, 18.2570, -50.0550

Conversions

Conversions Part 2

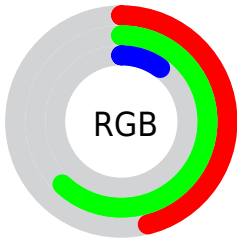
Format	Color
R_{YB}	26, 159, 67
Decimal	7773978
CIE Lab	60.54, -32.22, 58.19
CIE LCh	61, 66.515, 118.978
Yxy	28.7224, 0.3697, 0.5295
Android (android.graphics.Color)	4285964058 (0xFF769F1A)
YUV	131.5790, -52.0504, -11.9088
Hunter-Lab	53.5933, -26.9896, 31.4703

Details

The XYZ color **20.0558, 28.7224, 5.4642** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **8.9433, 4.4361, 33.1874**, and the grayscale version is **21.9581, 23.1016, 25.1577**.

A 20% lighter version of the original color is **43.1024, 57.7319, 17.2591**, and **7.3720, 11.6054, 1.8515** is the 20% darker color. If you saturate the color by 10%, you get **19.2767, 28.3369, 4.7438**, and if you desaturate by 10%, it is **20.9694, 29.1678, 6.7065**.

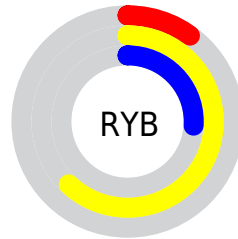
Distribution



Red (46%)

Green (62%)

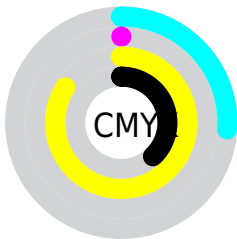
Blue (10%)



Red (10%)

Yellow (62%)

Blue (26%)

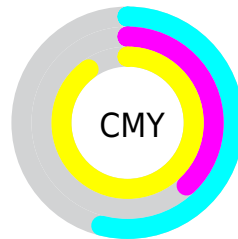


Cyan (26%)

Magenta (0%)

Yellow (84%)

Black (38%)



Cyan (54%)

Magenta (38%)

Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.0558, 28.7224, 5.4642 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 20.0558, 28.7224, 5.4642 by changing the saturation by 10% instead.

■ 20.0558, 28.7224,
5.4642

■ 20.0558, 28.7224,
5.4642

■ 245.0448,
295.9029, 163.3256

■ 12.5441, 18.8709,
2.4587

■ 43.0139, 57.6357,
17.2663

■ 7.1902, 11.5770,
0.8181

■ 59.1911, 77.4664,
26.8999

■ 3.6287, 6.4564,
0.0000

■ 78.9875, 101.3922,
39.5799

■ 1.4943, 3.1245,
0.0000

■ 102.7684,
129.7976, 55.7250

■ 0.3220, 1.1971,
0.0000

■ 130.8993,
163.0670, 75.7535

■ 0.0000, 0.0593,
0.0000

■ 163.7454,

■ 0.0000, 0.0000,

201.5848, 100.0841

0.0000

201.6721,
245.7353, 129.1353

■ 20.0558, 28.7224,
5.4642

■ 20.0558, 28.7224,
5.4642

■ 19.2767, 28.3369,
4.7438

■ 20.9694, 29.1678,
6.7065

■ 18.8269, 28.1114,
4.4338

■ 22.0302, 29.6751,
8.5441

■ 23.2515, 30.2507,
11.0406

■ 24.6442, 30.8990,
14.2509

■ 26.2180, 31.6240,
18.2243

■ 27.9819, 32.4294,
23.0056

■ 29.9443, 33.3184,
28.6363

■ 32.1129, 34.2944,
35.1548

■ 34.4951, 35.3602,
42.5974

Harmonies

Analogous

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



27.5954, 28.7224, 3.8167



20.0558, 28.7224, 5.4642



15.4531, 28.7224, 12.6844

Triad

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



20.0558, 28.7224, 5.4642



19.6433, 28.7224, 91.8279



47.3619, 28.7224, 32.1250

Complementary

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



20.0558, 28.7224, 5.4642



8.9433, 4.4361, 33.1874

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.



44.0366, 28.7224, 62.5259



20.0558, 28.7224, 5.4642



27.0063, 28.7224, 106.3909

Square

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



20.0558, 28.7224, 5.4642



15.2524, 28.7224, 60.2356



36.1066, 28.7224, 93.5686



44.4430, 28.7224, 13.5020

Rectangle

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



20.0558, 28.7224, 5.4642



14.0877, 28.7224, 23.0756



36.1066, 28.7224, 93.5686



46.9272, 28.7224, 41.2147

Sweetspot

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



20.0565, 28.7237, 5.4648



49.5058, 57.7999, 39.5191



16.4280, 11.3313, 2.2990



10.9215, 12.9217, 8.2541



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.



20.0565, 28.7237, 5.4648



33.5090, 50.2359, 7.9304



14.0329, 25.6184, 5.1829



6.9710, 7.6177, 7.0886



14.9133, 22.2248, 3.5038



0.3076, 0.4185, 0.0646

Inverse Universe

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



8.9433, 4.4361, 33.1874



13.3012, 5.5623, 59.1160



16.2069, 8.1806, 33.5274



6.4676, 6.5295, 8.3261



5.9826, 2.5132, 26.0770



0.1474, 0.0658, 0.4682

Previews

White Background



This preview shows how the XYZ color 20.0558, 28.7224, 5.4642 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 20.0558, 28.7224, 5.4642 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 20.0558, 28.7224, 5.4642

Background



This preview shows how black text looks on a background with the XYZ color 20.0558, 28.7224, 5.4642.



This preview shows how white text looks on a background with the XYZ color 20.0558, 28.7224,

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

20.0558, 28.7224, 5.4642

Protanopia

25.7335, 28.5082, 4.9054

Deuteranopia

28.9668, 28.3842, 5.7857



Tritanopia

26.4508, 28.6234, 37.3885

Trichromacy



Original Color

20.0558, 28.7224, 5.4642

Protanomaly

23.2539, 28.3981, 5.0664

Deuteranomaly

24.8657, 28.0442, 5.6159

Tritanomaly

22.8499, 28.1162, 19.2616

Monochromacy



Original Color

20.0558, 28.7224, 5.4642

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

20.4012, 24.6483, 14.0383

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.0558, 28.7224, 5.4642 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(118, 159, 26)` looks like.

```
.text, #text, p{  
    color:rgb(118, 159, 26)  
}
```

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(118, 159, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 159, 26) }
```

Border

The CSS property to change the border of an element to XYZ 20.0558, 28.7224, 5.4642 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(118, 159, 26) }
```


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

```
.border{ border-color:rgb(118, 159, 26) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 159, 26)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 159, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 159, 26);  
box-shadow:4px 4px 4px 4px rgb(118, 159,  
26) }
```

Background

The CSS property to change the background color of an element to XYZ 20.0558, 28.7224, 5.4642 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 159, 26) }
```

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

```
.background{ background-color: rgb(118,  
159, 26) }
```

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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