

Converting Colors

XYZ(20.2052, 28.9591, 18.1342)

Have a look what the booklet for
XYZ(20.2052, 28.9591, 18.1342)
contains.

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Color

**XYZ(20.2762, 29.0717,
18.1784)**

Conversions

Conversions Part 1

Format	Color
Hex	61A16A
RGB	97, 161, 106
RGB Percent	38%, 63%, 42%
CMY	0.6196, 0.3686, 0.5843
CMYK	0.40, 0.00, 0.34, 0.37
HSL	128°, 25%, 51%
HSV	128°, 40%, 63%
XYZ	20.2762, 29.0717, 18.1784
YIQ	135.5940, -20.4890, -30.6730

Conversions

Conversions Part 2

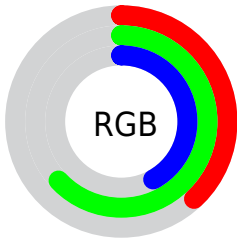
Format	Color
RYB	97, 153, 161
Decimal	6398314
CIELab	60.84, -32.47, 22.36
CIELCh	61, 39.426, 145.443
Yxy	29.0717, 0.3003, 0.4305
Android (android.graphics.Color)	4284588394 (0xFF61A16A)
YUV	135.5940, -14.5898, -33.8469
Hunter-Lab	53.9182, -27.2310, 17.7532

Details

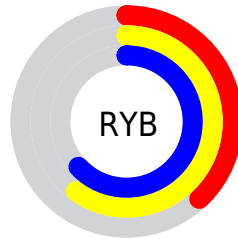
The XYZ color **20.2762, 29.0717, 18.1784** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **24.6412, 18.3942, 31.9588**, and the grayscale version is **23.3089, 24.5228, 26.7053**.

A 20% lighter version of the original color is **43.3051, 58.0644, 41.2729**, and **7.3145, 11.8007, 5.8952** is the 20% darker color. If you saturate the color by 10%, you get **18.0693, 28.0114, 14.6176**, and if you desaturate by 10%, it is **22.9489, 30.3604, 22.3684**.

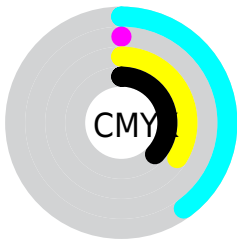
Distribution



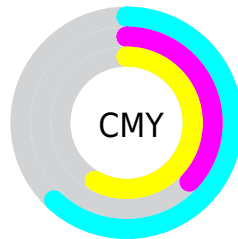
- Red (38%)
- Green (63%)
- Blue (42%)



- Red (38%)
- Yellow (60%)
- Blue (63%)



- Cyan (40%)
- Magenta (0%)
- Yellow (34%)
- Black (37%)



- Cyan (62%)
- Magenta (37%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.2762, 29.0717, 18.1784 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 20.2762, 29.0717, 18.1784 by changing the saturation by 10% instead.

■ 20.2762, 29.0717,
18.1784

■ 20.2762, 29.0717,
18.1784

246.2116,
297.5531, 254.1445

■ 12.7054, 19.1351,
10.9074

■ 43.3802, 58.1910,
41.1591

■ 7.3016, 11.7679,
5.8912

■ 59.6441, 78.1424,
57.7059

■ 3.6994, 6.5858,
2.7113

■ 79.5364, 102.2009,
78.1817

■ 1.5335, 3.2045,
0.9491

■ 103.4225,
130.7509, 103.0050

■ 0.3485, 1.2394,
0.0000

131.6677,
164.1767, 132.5944

■ 0.0000, 0.0935,
0.0000

164.6374,

■ 0.0000, 0.0000,

202.8627, 167.3684

0.0000

202.6969,
247.1934, 207.7456

■ 20.2762, 29.0717,
18.1784

■ 20.2762, 29.0717,
18.1784

■ 18.0693, 28.0114,
14.6176

■ 22.9489, 30.3604,
22.3684

■ 16.2992, 27.1626,
11.6536

■ 26.1098, 31.8859,
27.2138

■ 14.9371, 26.5121,
9.2544


■ 29.7825, 33.6607,
32.7417


■ 13.9499, 26.0436,
7.3841


■ 33.9883, 35.6952,
38.9772


■ 13.2988, 25.7379,
6.0025


■ 38.7476, 37.9994,
45.9441


 12.9049, 25.5552,
5.0623

 44.0793, 40.5827,
53.6651

 12.8965, 25.5512,
5.0440

 50.0018, 43.4539,
62.1617

 56.5323, 46.6216,
71.4549

 63.6878, 50.0940,
81.5646

Harmonies

Analogous

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



23.6059, 29.0717, 12.3791



20.2762, 29.0717, 18.1784



18.9168, 29.0717, 29.4615

Triad

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



20.2762, 29.0717, 18.1784



26.8552, 29.0717, 69.0057



37.5340, 29.0717, 20.9999

Complementary

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



20.2762, 29.0717, 18.1784



24.6412, 18.3942, 31.9588

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.



38.6809, 29.0717, 33.9529



20.2762, 29.0717, 18.1784



32.0912, 29.0717, 64.6434

Square

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



20.2762, 29.0717, 18.1784



22.4043, 29.0717, 61.0962



36.5806, 29.0717, 50.5411



33.6151, 29.0717, 13.6190

Rectangle

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



20.2762, 29.0717, 18.1784



19.1704, 29.0717, 39.7907



36.5806, 29.0717, 50.5411



38.2756, 29.0717, 24.7100

Sweetspot

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



20.2769, 29.0729, 18.1790



51.6213, 59.4522, 56.0701



27.9401, 33.0747, 16.2211



11.1444, 12.9532, 12.0315



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.



20.2769, 29.0729, 18.1790



32.6643, 50.3105, 26.6777



22.2292, 29.8538, 28.4597



7.0243, 7.9105, 7.7395



10.3092, 20.4100, 4.0787



0.2276, 0.4333, 0.1437

Inverse Universe

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



24.6412, 18.3942, 31.9588



41.6116, 28.3896, 54.9081



22.3921, 17.4946, 20.1155



7.3213, 7.1850, 8.6783



15.4348, 7.5300, 20.0121



0.3353, 0.1626, 0.4785

Previews

White Background



This preview shows how the XYZ color 20.2762, 29.0717, 18.1784 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 20.2762, 29.0717, 18.1784 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 20.2762, 29.0717, 18.1784

Background



This preview shows how black text looks on a background with the XYZ color 20.2762, 29.0717, 18.1784.



This preview shows how white text looks on a background with the XYZ color 20.2762, 29.0717,

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

20.2762, 29.0717, 18.1784

Protanopia

26.6797, 28.7470, 16.1991

Deuteranopia

29.2606, 28.6745, 19.0315



Tritanopia

24.7452, 29.1156, 40.3921

Trichromacy



Original Color

20.2762, 29.0717, 18.1784

Protanomaly

23.6182, 28.3268, 16.7932

Deuteranomaly

25.0273, 28.3037, 18.6121

Tritanomaly

22.9167, 29.1308, 30.8005

Monochromacy



Original Color

20.2762, 29.0717, 18.1784

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

21.8531, 25.8690, 23.2435

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.2762, 29.0717, 18.1784 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(97, 161, 106)` looks like.

```
.text, #text, p{  
    color:rgb(97, 161, 106)  
}
```

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(97, 161, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 161, 106) }
```

Border

The CSS property to change the border of an element to XYZ 20.2762, 29.0717, 18.1784 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(97, 161, 106) }
```


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

```
.border{ border-color:rgb(97, 161, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 161, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 161, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 161, 106);  
box-shadow:4px 4px 4px 4px rgb(97, 161,  
106) }
```

Background

The CSS property to change the background color of an element to XYZ 20.2762, 29.0717, 18.1784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 161, 106) }
```

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

```
.background{ background-color: rgb(97, 161,  
106) }
```

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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