

Converting Colors

XYZ(19.2075, 27.9808, 9.9298)

Have a look what the booklet for
XYZ(19.2075, 27.9808, 9.9298)
contains.

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Color

**XYZ(19.2141, 27.9352,
9.8482)**

Conversions

Conversions Part 1

Format	Color
Hex	6A9E44
RGB	106, 158, 68
RGB Percent	42%, 62%, 27%
CMY	0.5843, 0.3804, 0.7333
CMYK	0.33, 0.00, 0.57, 0.38
HSL	95°, 40%, 44%
HSV	95°, 57%, 62%
XYZ	19.2141, 27.9352, 9.8482
YIQ	132.1920, -2.1020, -39.0140

Conversions

Conversions Part 2

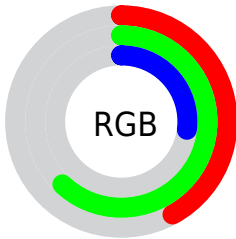
Format	Color
RYB	68, 158, 120
Decimal	6987332
CIELab	59.83, -33.41, 40.97
CIELCh	60, 52.860, 129.197
Yxy	27.9352, 0.3371, 0.4901
Android (android.graphics.Color)	4285177412 (0xFF6A9E44)
YUV	132.1920, -31.6467, -22.9704
Hunter-Lab	52.8538, -27.6034, 25.9502

Details

The XYZ color **19.2141, 27.9352, 9.8482** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **15.9856, 10.5968, 33.5521**, and the grayscale version is **22.1133, 23.2650, 25.3355**.

A 20% lighter version of the original color is **41.6212, 56.3940, 26.1442**, and **6.7689, 11.1297, 2.2817** is the 20% darker color. If you saturate the color by 10%, you get **17.7678, 27.2389, 7.5939**, and if you desaturate by 10%, it is **20.9073, 28.7455, 12.7936**.

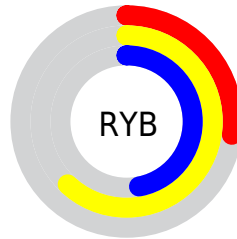
Distribution



Red (42%)

Green (62%)

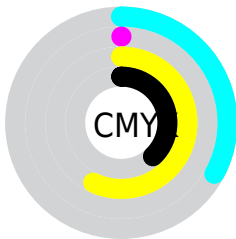
Blue (27%)



Red (27%)

Yellow (62%)

Blue (47%)

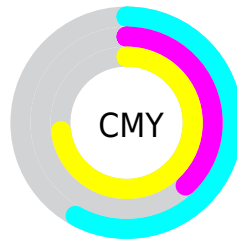


Cyan (33%)

Magenta (0%)

Yellow (57%)

Black (38%)



Cyan (58%)

Magenta (38%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.2141, 27.9352, 9.8482 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 19.2141, 27.9352, 9.8482 by changing the saturation by 10% instead.

■ 19.2141, 27.9352,
9.8482

■ 19.2141, 27.9352,
9.8482

240.5437,
292.1571, 200.0305

■ 11.9300, 18.2768,
5.1941

■ 41.6096, 56.3810,
26.1129

■ 6.7679, 11.1489,
2.3009

■ 57.4518, 75.9371,
38.5607

■ 3.3624, 6.1671,
0.7317

■ 76.8774, 99.5614,
54.4434

■ 1.3482, 2.9469,
0.0000

■ 100.2517,
127.6381, 74.1796

■ 0.2188, 1.1041,
0.0000

■ 127.9401,
160.5516, 98.1879

■ 0.0000, 0.0000,
0.0000

160.3080,

198.6863, 126.8868

197.7208,
242.4267, 160.6948

■ 19.2141, 27.9352,
9.8482

■ 19.2141, 27.9352,
9.8482

■ 17.7678, 27.2389,
7.5939

■ 20.9073, 28.7455,
12.7936

■ 16.5521, 26.6468,
5.9724

■ 22.8582, 29.6717,
16.4786

■ 15.5513, 26.1532,
4.9187

■ 25.0796, 30.7202,
20.9495

■ 14.7423, 25.7483,
4.3308

■ 27.5825, 31.8958,
26.2480

■ 14.5222, 25.6378,
4.1832

■ 30.3773, 33.2030,
32.4133

■ 33.4739, 34.6462,
39.4817

■ 36.8817, 36.2292,
47.4877

■ 40.6095, 37.9562,
56.4638

■ 44.6659, 39.8307,
66.4411

Harmonies

Analogous

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



24.5455, 27.9352, 6.5993



19.2141, 27.9352, 9.8482



16.2382, 27.9352, 19.1052

Triad

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



19.2141, 27.9352, 9.8482



22.2342, 27.9352, 79.5811



41.4061, 27.9352, 24.8931

Complementary

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



19.2141, 27.9352, 9.8482



15.9856, 10.5968, 33.5521

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.



40.5060, 27.9352, 45.4912



19.2141, 27.9352, 9.8482



28.6641, 27.9352, 83.3041

Square

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



19.2141, 27.9352, 9.8482



17.7672, 27.9352, 60.1974



35.5532, 27.9352, 68.9022



37.8383, 27.9352, 12.5510

Rectangle

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



19.2141, 27.9352, 9.8482



15.6415, 27.9352, 29.9024



35.5532, 27.9352, 68.9022



41.6274, 27.9352, 30.9368

Sweetspot

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



19.2148, 27.9364, 9.8488



49.9095, 57.8367, 47.2797



21.7418, 20.8812, 8.3538



11.0526, 12.9457, 10.2300



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.



19.2148, 27.9364, 9.8488



31.7053, 49.1921, 12.9931



15.8476, 26.1783, 10.6967



6.8029, 7.5310, 7.0807



11.6735, 20.5546, 3.3522



0.2559, 0.3919, 0.0621

Inverse Universe

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



15.9856, 10.5968, 33.5521



25.2391, 14.6170, 60.2346



21.8362, 13.6711, 31.1950



6.6333, 6.6149, 8.3339



8.4671, 3.7939, 26.1933



0.1990, 0.0924, 0.4706

Previews

White Background



This preview shows how the XYZ color 19.2141, 27.9352, 9.8482 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 19.2141, 27.9352, 9.8482 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 19.2141, 27.9352, 9.8482

Background



This preview shows how black text looks on a background with the XYZ color 19.2141, 27.9352, 9.8482.



This preview shows how white text looks on a background with the XYZ color 19.2141, 27.9352,

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

19.2141, 27.9352, 9.8482

Protanopia

25.1967, 27.6876, 8.8667

Deuteranopia

28.0862, 27.6158, 10.3287



Tritanopia

24.6808, 27.7109, 37.3056

Trichromacy



Original Color

19.2141, 27.9352, 9.8482

Protanomaly

22.5168, 27.4520, 9.1130

Deuteranomaly

24.0576, 27.2980, 10.1320

Tritanomaly

22.1292, 27.6336, 24.2462

Monochromacy



Original Color

19.2141, 27.9352, 9.8482

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

20.4536, 24.3648, 18.0929

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.2141, 27.9352, 9.8482 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(106, 158, 68)` looks like.

```
.text, #text, p{  
    color:rgb(106, 158, 68)  
}
```

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(106, 158, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 158, 68) }
```

Border

The CSS property to change the border of an element to XYZ 19.2141, 27.9352, 9.8482 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(106, 158, 68) }
```


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

```
.border{ border-color:rgb(106, 158, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 158, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 158, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 158, 68);  
box-shadow:4px 4px 4px 4px rgb(106, 158,  
68) }
```

Background

The CSS property to change the background color of an element to XYZ 19.2141, 27.9352, 9.8482 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 158, 68) }
```

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

```
.background{ background-color: rgb(106,  
158, 68) }
```

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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