

Converting Colors

XYZ(19.2617, 27.3590, 5.1171)

Have a look what the booklet for
XYZ(19.2617, 27.3590, 5.1171)
contains.

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Color

**XYZ(19.2223, 27.2905,
5.1186)**

Conversions

Conversions Part 1

Format	Color
Hex	759B18
RGB	117, 155, 24
RGB Percent	46%, 61%, 9%
CMY	0.5412, 0.3921, 0.9059
CMYK	0.25, 0.00, 0.85, 0.39
HSL	77°, 73%, 35%
HSV	77°, 85%, 61%
XYZ	19.2223, 27.2905, 5.1186
YIQ	128.7040, 19.4030, -48.7970

Conversions

Conversions Part 2

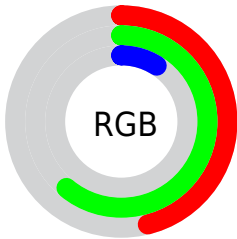
Format	Color
R_{YB}	24, 155, 62
Decimal	7707416
CIE Lab	59.24, -30.83, 57.55
CIE LCh	59, 65.285, 118.180
Yxy	27.2905, 0.3723, 0.5286
Android (android.graphics.Color)	4285897496 (0xFF759B18)
YUV	128.7040, -51.6191, -10.2644
Hunter-Lab	52.2403, -25.7398, 30.7589

Details

The XYZ color **19.2223, 27.2905, 5.1186** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **8.2307, 4.0447, 31.3588**, and the grayscale version is **20.9335, 22.0237, 23.9838**.

A 20% lighter version of the original color is **41.8032, 55.5866, 16.5087**, and **7.0002, 10.9574, 1.7460** is the 20% darker color. If you saturate the color by 10%, you get **18.5148, 26.9403, 4.4684**, and if you desaturate by 10%, it is **20.0515, 27.6946, 6.2526**.

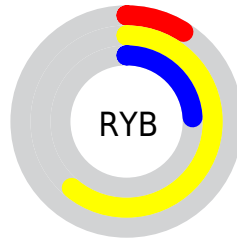
Distribution



Red (46%)

Green (61%)

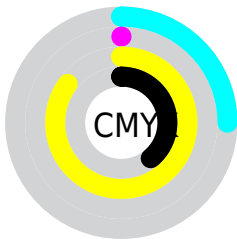
Blue (9%)



Red (9%)

Yellow (61%)

Blue (24%)

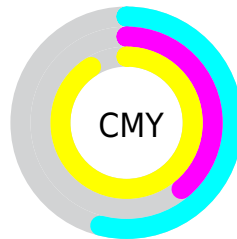


Cyan (25%)

Magenta (0%)

Yellow (85%)

Black (39%)



Cyan (54%)

Magenta (39%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.2223, 27.2905, 5.1186 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 19.2223, 27.2905, 5.1186 by changing the saturation by 10% instead.

■ 19.2223, 27.2905,
5.1186

■ 19.2223, 27.2905,
5.1186

240.5879,
289.0609, 159.9479

■ 11.9360, 17.7915,
2.2571

■ 41.6234, 55.3497,
16.5169

■ 6.7720, 10.8004,
0.7070

■ 57.4688, 74.6787,
25.8908

■ 3.3650, 5.9328,
0.0000

■ 76.8980, 98.0531,
38.2725

■ 1.3496, 2.8043,
0.0000

■ 100.2764,
125.8574, 54.0806

■ 0.2199, 1.0304,
0.0000

■ 127.9692,
158.4759, 73.7337

■ 0.0000, 0.0000,
0.0000

■ 160.3418,

196.2931, 97.6502

197.7595,
239.6933, 126.2488

■ 19.2223, 27.2905,
5.1186

■ 19.2223, 27.2905,
5.1186

■ 18.5148, 26.9403,
4.4684

■ 20.0515, 27.6946,
6.2526

■ 18.1567, 26.7611,
4.2085

■ 21.0149, 28.1549,
7.9422

■ 22.1248, 28.6772,
10.2479

■ 23.3915, 29.2657,
13.2217

■ 24.8243, 29.9242,
16.9104

■ 26.4316, 30.6560,
21.3564

■ 28.2210, 31.4643,
26.5987

■ 30.2000, 32.3521,
32.6737

■ 32.3753, 33.3221,
39.6157

Harmonies

Analogous

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



26.4394, 27.2905, 3.6481



19.2223, 27.2905, 5.1186



14.7755, 27.2905, 11.7826

Triad

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



19.2223, 27.2905, 5.1186



18.5254, 27.2905, 86.4576



44.9564, 27.2905, 31.1621

Complementary

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



19.2223, 27.2905, 5.1186



8.2307, 4.0447, 31.3588

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.



41.6554, 27.2905, 60.1987



19.2223, 27.2905, 5.1186



25.4446, 27.2905, 100.8882

Square

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



19.2223, 27.2905, 5.1186



14.4364, 27.2905, 56.3342



34.0617, 27.2905, 89.3933



42.3412, 27.2905, 13.1651

Rectangle

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



19.2223, 27.2905, 5.1186



13.4291, 27.2905, 21.4404



34.0617, 27.2905, 89.3933



44.4902, 27.2905, 39.8834

Sweetspot

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



19.2229, 27.2917, 5.1192



47.0389, 54.7651, 37.4069



15.3585, 10.3854, 2.0596



10.4282, 12.2964, 7.8526



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.



19.2229, 27.2917, 5.1192



32.3206, 47.8236, 7.5274



13.3232, 24.2503, 4.8431



6.5342, 7.1329, 6.6382



14.6218, 21.5137, 3.3819



0.2540, 0.3399, 0.0522

Inverse Universe

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



8.2307, 4.0447, 31.3588



12.3665, 5.1511, 55.8788



14.9395, 7.5032, 31.6728



6.0445, 6.1088, 7.7895



5.6542, 2.3659, 25.0664



0.1173, 0.0523, 0.3763

Previews

White Background



This preview shows how the XYZ color 19.2223, 27.2905, 5.1186 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 19.2223, 27.2905, 5.1186 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 19.2223, 27.2905, 5.1186

Background



This preview shows how black text looks on a background with the XYZ color 19.2223, 27.2905, 5.1186.



This preview shows how white text looks on a background with the XYZ color 19.2223, 27.2905,

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

19.2223, 27.2905, 5.1186

Protanopia

24.4459, 27.1690, 4.6175

Deuteranopia

27.5728, 27.0390, 5.4349



Tritanopia

25.3341, 27.1721, 35.3620

Trichromacy



Original Color

19.2223, 27.2905, 5.1186

Protanomaly

22.0707, 26.8509, 4.7290

Deuteranomaly

23.6440, 26.5182, 5.2389

Tritanomaly

21.9009, 26.6981, 18.1863

Monochromacy



Original Color

19.2223, 27.2905, 5.1186

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

19.4343, 23.2923, 13.3691

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.2223, 27.2905, 5.1186 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(117, 155, 24)` looks like.

```
.text, #text, p{  
    color:rgb(117, 155, 24)  
}
```

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(117, 155, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 155, 24) }
```

Border

The CSS property to change the border of an element to XYZ 19.2223, 27.2905, 5.1186 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(117, 155, 24) }
```


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

```
.border{ border-color:rgb(117, 155, 24) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 155, 24)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 155, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 155, 24);  
box-shadow:4px 4px 4px 4px rgb(117, 155,  
24) }
```

Background

The CSS property to change the background color of an element to XYZ 19.2223, 27.2905, 5.1186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 155, 24) }
```

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

```
.background{ background-color: rgb(117,  
155, 24) }
```

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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