

Converting Colors

XYZ(19.7245, 27.0594, 5.0475)

Have a look what the booklet for
XYZ(19.7245, 27.0594, 5.0475)
contains.

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Color

**XYZ(19.7245, 27.0594,
5.0475)**

Conversions

Conversions Part 1

Format	Color
Hex	7B9918
RGB	123, 153, 24
RGB Percent	48%, 60%, 9%
CMY	0.5176, 0.4000, 0.9059
CMYK	0.20, 0.00, 0.84, 0.40
HSL	74°, 73%, 35%
HSV	74°, 84%, 60%
XYZ	19.7245, 27.0594, 5.0475
YIQ	129.3240, 23.5290, -46.4790

Conversions

Conversions Part 2

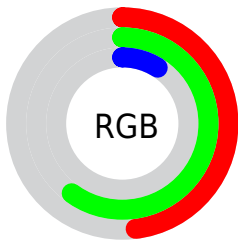
Format	Color
R_{YB}	24, 153, 54
Decimal	8100120
CIE _{Lab}	59.03, -27.38, 57.51
CIE _{LCh}	59, 63.699, 115.456
Yxy	27.0594, 0.3806, 0.5221
Android (android.graphics.Color)	4286290200 (0xFF7B9918)
YUV	129.3240, -51.9247, -5.5461
Hunter-Lab	52.0187, -23.3488, 30.6600

Details

The XYZ color **19.7245, 27.0594, 5.0475** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **7.5987, 3.7381, 30.4597**, and the grayscale version is **21.1517, 22.2532, 24.2338**.

A 20% lighter version of the original color is **42.4262, 54.8185, 16.3276**, and **7.2056, 10.7680, 1.6986** is the 20% darker color. If you saturate the color by 10%, you get **19.1080, 26.7560, 4.4073**, and if you desaturate by 10%, it is **20.4499, 27.4104, 6.1591**.

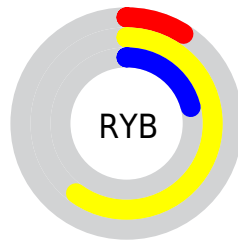
Distribution



Red (48%)

Green (60%)

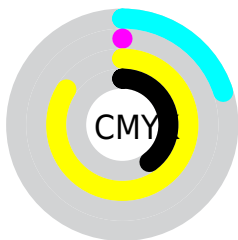
Blue (9%)



Red (9%)

Yellow (60%)

Blue (21%)

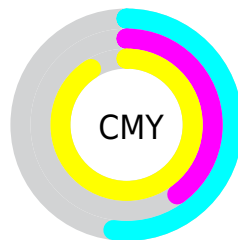


Cyan (20%)

Magenta (0%)

Yellow (84%)

Black (40%)



Cyan (52%)

Magenta (40%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.7245, 27.0594, 5.0475 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 19.7245, 27.0594, 5.0475 by changing the saturation by 10% instead.

■ 19.7245, 27.0594,
5.0475

■ 19.7245, 27.0594,
5.0475

243.2818,
287.9446, 159.2403

■ 12.3020, 17.6178,
2.2159

■ 42.4623, 54.9792,
16.3614

■ 7.0234, 10.6760,
0.6835

■ 58.5083, 74.2262,
25.6809

■ 3.5232, 5.8494,
0.0000

■ 78.1596, 97.5104,
38.0000

■ 1.4361, 2.7537,
0.0000

■ 101.7814,
125.2164, 53.7374

■ 0.2817, 1.0045,
0.0000

■ 129.7392,
157.7284, 73.3116

■ 0.0000, 0.0000,
0.0000

■ 162.3983,

195.4308, 97.1411

200.1241,
238.7081, 125.6445

■ 19.7245, 27.0594,
5.0475

■ 19.7245, 27.0594,
5.0475

■ 19.1080, 26.7560,
4.4073

■ 20.4499, 27.4104,
6.1591

■ 18.7840, 26.5945,
4.1432

■ 21.2960, 27.8109,
7.8108

■ 22.2744, 28.2665,
10.0610

■ 23.3949, 28.7811,
12.9599

■ 24.6662, 29.3583,
16.5525

■ 26.0963, 30.0013,
20.8800

■ 27.6926, 30.7130,
25.9800

■ 29.4619, 31.4961,
31.8878

■ 31.4107, 32.3534,
38.6364

Harmonies

Analogous

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



26.9421, 27.0594, 3.8884



19.7245, 27.0594, 5.0475



15.1223, 27.0594, 11.0329

Triad

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



19.7245, 27.0594, 5.0475



18.0283, 27.0594, 81.8199



44.0380, 27.0594, 33.0477

Complementary

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



19.7245, 27.0594, 5.0475



7.5987, 3.7381, 30.4597

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.



40.3777, 27.0594, 61.6755



19.7245, 27.0594, 5.0475



24.5338, 27.0594, 97.6323

Square

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



19.7245, 27.0594, 5.0475



14.2929, 27.0594, 52.4090



32.8198, 27.0594, 88.8236



42.0261, 27.0594, 14.4358

Rectangle

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



19.7245, 27.0594, 5.0475



13.6352, 27.0594, 19.8289



32.8198, 27.0594, 88.8236



43.4123, 27.0594, 41.8005

Sweetspot

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



19.7251, 27.0606, 5.0481



46.4146, 53.5834, 36.4034



14.5285, 9.2907, 1.8920



10.0628, 11.7482, 7.4681



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



19.7251, 27.0606, 5.0481



33.4689, 47.5379, 7.4117



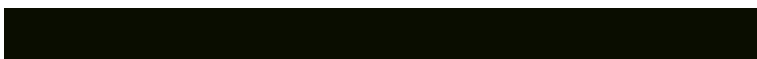
13.4540, 23.8277, 4.7546



6.5684, 7.1505, 6.6398



15.5539, 21.9942, 3.4255



0.2632, 0.3446, 0.0526

Inverse Universe

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



7.5987, 3.7381, 30.4597



11.4358, 4.7058, 54.2776



13.3399, 6.6978, 30.7284



6.0123, 6.0922, 7.7880



5.3672, 2.2180, 25.0529



0.1082, 0.0476, 0.3758

Previews

White Background



This preview shows how the XYZ color 19.7245, 27.0594, 5.0475 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 19.7245, 27.0594, 5.0475 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 19.7245, 27.0594, 5.0475

Background



This preview shows how black text looks on a background with the XYZ color 19.7245, 27.0594, 5.0475.



This preview shows how white text looks on a background with the XYZ color 19.7245, 27.0594,

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

19.7245, 27.0594, 5.0475

Protanopia

24.3056, 26.8737, 4.6156

Deuteranopia

27.1886, 26.6365, 5.2985



Tritanopia

25.6591, 26.9133, 34.4143

Trichromacy



Original Color

19.7245, 27.0594, 5.0475

Protanomaly

22.4563, 26.8187, 4.7520

Deuteranomaly

23.8727, 26.4178, 5.1372

Tritanomaly

22.2928, 26.4446, 17.8393

Monochromacy



Original Color

19.7245, 27.0594, 5.0475

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

19.7292, 23.4443, 13.3829

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.7245, 27.0594, 5.0475 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(123, 153, 24)` looks like.

```
.text, #text, p{  
    color:rgb(123, 153, 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(123, 153, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 153, 24) }
```

Border

The CSS property to change the border of an element to XYZ 19.7245, 27.0594, 5.0475 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(123, 153, 24) }
```


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

```
.border{ border-color:rgb(123, 153, 24) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 153, 24)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 153, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 153, 24);  
box-shadow:4px 4px 4px 4px rgb(123, 153,  
24) }
```

Background

The CSS property to change the background color of an element to XYZ 19.7245, 27.0594, 5.0475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 153, 24) }
```

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

```
.background{ background-color: rgb(123,  
153, 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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