

Converting Colors

XYZ(18.2780, 27.3646, 11.0242)

Have a look what the booklet for
XYZ(18.2780, 27.3646, 11.0242)
contains.

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Color

**XYZ(18.3207, 27.4485,
10.9891)**

Conversions

Conversions Part 1

Format	Color
Hex	609E4B
RGB	96, 158, 75
RGB Percent	38%, 62%, 29%
CMY	0.6235, 0.3804, 0.7059
CMYK	0.39, 0.00, 0.53, 0.38
HSL	105°, 36%, 46%
HSV	105°, 53%, 62%
XYZ	18.3207, 27.4485, 10.9891
YIQ	130.0000, -10.3090, -38.9570

Conversions

Conversions Part 2

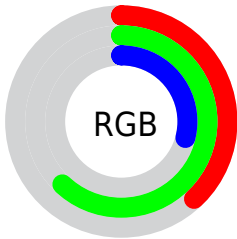
Format	Color
RYB	75, 158, 137
Decimal	6331979
CIELab	59.39, -36.12, 36.86
CIElCh	59, 51.606, 134.417
Yxy	27.4485, 0.3228, 0.4836
Android (android.graphics.Color)	4284522059 (0xFF609E4B)
YUV	130.0000, -27.1150, -29.8180
Hunter-Lab	52.3913, -29.2652, 24.2378

Details

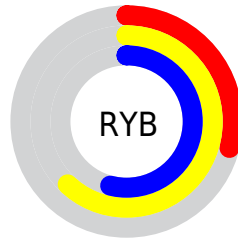
The XYZ color **18.3207, 27.4485, 10.9891** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **19.0055, 12.8200, 33.8221**, and the grayscale version is **21.3142, 22.4242, 24.4199**.

A 20% lighter version of the original color is **40.1378, 55.5789, 28.3510**, and **6.3367, 10.8962, 2.7465** is the 20% darker color. If you saturate the color by 10%, you get **16.6959, 26.6666, 8.4324**, and if you desaturate by 10%, it is **20.2677, 28.3826, 14.2631**.

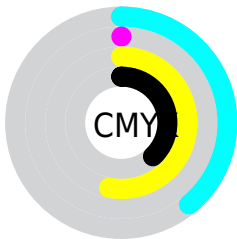
Distribution



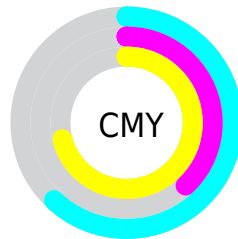
- Red (38%)
- Green (62%)
- Blue (29%)



- Red (29%)
- Yellow (62%)
- Blue (54%)



- Cyan (39%)
- Magenta (0%)
- Yellow (53%)
- Black (38%)



- Cyan (62%)
- Magenta (38%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.3207, 27.4485, 10.9891 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 18.3207, 27.4485, 10.9891 by changing the saturation by 10% instead.

■ 18.3207, 27.4485,
10.9891

■ 18.3207, 27.4485,
10.9891

235.6833,
289.8222, 208.3275

■ 11.2816, 17.9103,
5.9454

■ 40.1088, 55.6027,
28.2764

■ 6.3252, 10.8856,
2.7437

■ 55.5886, 74.9876,
41.3570

■ 3.0864, 5.9900,
0.9653

■ 74.6125, 98.4235,
57.9538

■ 1.1996, 2.8390,
0.0000

■ 97.5461, 126.2948,
78.4851

■ 0.1061, 1.0483,
0.0000

■ 124.7546,
158.9859, 103.3696

■ 0.0000, 0.0000,
0.0000

156.6034,

196.8813, 133.0258

193.4578,
240.3652, 167.8723

■ 18.3207, 27.4485,
10.9891

■ 18.3207, 27.4485,
10.9891

■ 16.6959, 26.6666,
8.4324

■ 20.2677, 28.3826,
14.2631

■ 15.3728, 26.0251,
6.5374

■ 22.5516, 29.4730,
18.3009

■ 14.3316, 25.5159,
5.2435

■ 25.1889, 30.7281,
23.1472

■ 13.5490, 25.1286,
4.4777

■ 28.1942, 32.1544,
28.8425

■ 13.1014, 24.9054,
4.1167

■ 31.5811, 33.7582,
35.4251

■ 35.3627, 35.5455,
42.9304

■ 39.5515, 37.5219,
51.3922

■ 44.1593, 39.6930,
60.8425

■ 49.1975, 42.0637,
71.3118

Harmonies

Analogous

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



23.1150, 27.4485, 6.9677



18.3207, 27.4485, 10.9891



15.8541, 27.4485, 21.3074

Triad

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



18.3207, 27.4485, 10.9891



22.8903, 27.4485, 78.9624



40.0741, 27.4485, 21.8709

Complementary

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



18.3207, 27.4485, 10.9891



19.0055, 12.8200, 33.8221

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.



39.9870, 27.4485, 40.5061



18.3207, 27.4485, 10.9891



29.3077, 27.4485, 79.3214

Square

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



18.3207, 27.4485, 10.9891



18.1797, 27.4485, 62.3655



35.7911, 27.4485, 63.2060



36.0125, 27.4485, 11.2542

Rectangle

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



18.3207, 27.4485, 10.9891



15.5547, 27.4485, 32.7129



35.7911, 27.4485, 63.2060



40.5479, 27.4485, 27.2282

Sweetspot

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



18.3214, 27.4497, 10.9897



49.0544, 57.3729, 48.2790



24.1571, 25.3491, 10.2767



10.8215, 12.8218, 10.4335



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.



18.3214, 27.4497, 10.9897



29.8722, 48.2086, 14.6457



17.1662, 26.7656, 14.9383



6.7002, 7.4781, 7.0759



10.5244, 19.9623, 3.2984



0.2235, 0.3752, 0.0606

Inverse Universe

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



19.0055, 12.8200, 33.8221



31.1946, 18.6667, 60.7024



21.2511, 14.1554, 25.8992



6.7402, 6.6701, 8.3389



10.9671, 5.0828, 26.3103



0.2321, 0.1095, 0.4721

Previews

White Background



This preview shows how the XYZ color 18.3207, 27.4485, 10.9891 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 18.3207, 27.4485, 10.9891 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 18.3207, 27.4485, 10.9891

Background



This preview shows how black text looks on a background with the XYZ color 18.3207, 27.4485, 10.9891.



This preview shows how white text looks on a background with the XYZ color 18.3207, 27.4485,

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

18.3207, 27.4485, 10.9891

Protanopia

24.6831, 26.9563, 9.6965

Deuteranopia

27.5229, 27.0866, 11.5622



Tritanopia

23.7360, 27.4476, 37.7651

Trichromacy



Original Color

18.3207, 27.4485, 10.9891

Protanomaly

21.7513, 26.7986, 10.1571

Deuteranomaly

23.0616, 26.5308, 11.3026

Tritanomaly

21.2014, 27.1323, 25.2387

Monochromacy



Original Color

18.3207, 27.4485, 10.9891

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

19.6638, 23.7335, 18.2965

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.3207, 27.4485, 10.9891 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(96, 158, 75)` looks like.

```
.text, #text, p{  
    color:rgb(96, 158, 75)  
}
```

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(96, 158, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 158, 75) }
```

Border

The CSS property to change the border of an element to XYZ 18.3207, 27.4485, 10.9891 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(96, 158, 75) }
```


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

```
.border{ border-color:rgb(96, 158, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 158, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 158, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 158, 75);  
box-shadow:4px 4px 4px 4px rgb(96, 158,  
75) }
```

Background

The CSS property to change the background color of an element to XYZ 18.3207, 27.4485, 10.9891 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 158, 75) }
```

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

```
.background{ background-color: rgb(96, 158,  
75) }
```

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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