

Converting Colors

XYZ(18.7188, 27.1907, 20.4814)

Have a look what the booklet for
XYZ(18.7188, 27.1907, 20.4814)
contains.

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Color

**XYZ(18.7188, 27.1907,
20.4814)**

Conversions

Conversions Part 1

Format	Color
Hex	539D73
RGB	83, 157, 115
RGB Percent	33%, 62%, 45%
CMY	0.6745, 0.3843, 0.5490
CMYK	0.47, 0.00, 0.27, 0.38
HSL	146°, 31%, 47%
HSV	146°, 47%, 62%
XYZ	18.7188, 27.1907, 20.4814
YIQ	130.0860, -30.6220, -28.7500

Conversions

Conversions Part 2

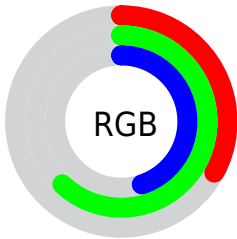
Format	Color
R_{YB}	83, 135, 157
Decimal	5479795
CIE _{Lab}	59.15, -33.02, 14.98
CIE _{LCh}	59, 36.257, 155.605
Yxy	27.1907, 0.2819, 0.4096
Android (android.graphics.Color)	4283669875 (0xFF539D73)
YUV	130.0860, -7.4374, -41.2944
Hunter-Lab	52.1447, -27.1757, 13.2134

Details

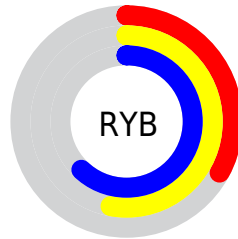
The XYZ color **18.7188, 27.1907, 20.4814** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **20.7005, 14.8360, 21.1759**, and the grayscale version is **21.2824, 22.3907, 24.3835**.

A 20% lighter version of the original color is **40.8351, 55.1954, 45.0608**, and **6.5167, 10.7414, 7.0400** is the 20% darker color. If you saturate the color by 10%, you get **16.9992, 26.3613, 17.8526**, and if you desaturate by 10%, it is **20.8032, 28.2038, 23.3873**.

Distribution



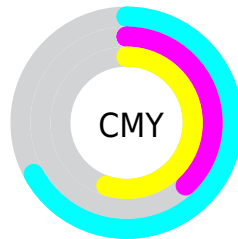
- Red (33%)
- Green (62%)
- Blue (45%)



- Red (33%)
- Yellow (53%)
- Blue (62%)



- Cyan (47%)
- Magenta (0%)
- Yellow (27%)
- Black (38%)



- Cyan (67%)
- Magenta (38%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.7188, 27.1907, 20.4814 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 18.7188, 27.1907, 20.4814 by changing the saturation by 10% instead.

■ 18.7188, 27.1907,
20.4814

■ 18.7188, 27.1907,
20.4814

237.8600,
288.5793, 267.1993

■ 11.5701, 17.7165,
12.5579

■ 40.7790, 55.1897,
45.0924

■ 6.5218, 10.7466,
6.9977

■ 56.4211, 74.4833,
62.6169

■ 3.2085, 5.8967,
3.3822

■ 75.6250, 97.8189,
84.1789

■ 1.2650, 2.7824,
1.2930

■ 98.7562, 125.5807,
110.1969

■ 0.1568, 1.0192,
0.0560

■ 126.1799,
158.1533, 141.0894

■ 0.0000, 0.0000,
0.0000

158.2616,

195.9210, 177.2749

195.3665,
239.2682, 219.1721

■ 18.7188, 27.1907,
20.4814

■ 18.7188, 27.1907,
20.4814

■ 16.9992, 26.3613,
17.8526

■ 20.8032, 28.2038,
23.3873

■ 15.6192, 25.7008,
15.4906

■ 23.2709, 29.4079,
26.5763

■ 14.5541, 25.1972,
13.3873


■ 26.1418, 30.8139,
30.0569


■ 13.7743, 24.8354,
11.5331


■ 29.4338, 32.4308,
33.8362


■ 13.2334, 24.5918,
9.9176


■ 33.1636, 34.2670,
37.9214

 13.0975, 24.5309,
9.4960

 37.3471, 36.3306,
42.3192

 41.9991, 38.6292,
47.0364

 47.1341, 41.1701,
52.0792

 52.7657, 43.9602,
57.4539

Harmonies

Analogous

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



21.1137, 27.1907, 13.6474



18.7188, 27.1907, 20.4814



18.1336, 27.1907, 32.1003

Triad

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



18.7188, 27.1907, 20.4814



26.7008, 27.1907, 61.8690



33.5614, 27.1907, 17.3657

Complementary

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



18.7188, 27.1907, 20.4814



20.7005, 14.8360, 21.1759

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.



35.4785, 27.1907, 27.2445



18.7188, 27.1907, 20.4814



31.2327, 27.1907, 54.7597

Square

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



18.7188, 27.1907, 20.4814



22.4227, 27.1907, 58.4992



34.5804, 27.1907, 41.1036



29.5966, 27.1907, 12.2496

Rectangle

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



18.7188, 27.1907, 20.4814



18.7813, 27.1907, 41.6981



34.5804, 27.1907, 41.1036



34.4865, 27.1907, 20.1118

Sweetspot

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



18.7195, 27.1918, 20.4820



48.4254, 55.9725, 55.7097



22.2480, 29.1879, 12.6454



10.4056, 12.1936, 11.9667



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.



18.7195, 27.1918, 20.4820



30.1785, 47.0818, 31.5425



21.1975, 28.1830, 33.5310



6.6639, 7.4463, 7.6646



10.6551, 19.9300, 7.8067



0.2113, 0.3647, 0.2492

Inverse Universe

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



20.7005, 14.8360, 21.1759



34.1779, 22.0947, 32.9124



18.8089, 14.0794, 11.2147



6.7828, 6.7060, 7.7074



12.7802, 6.4166, 8.3595



0.2495, 0.1231, 0.2600

Previews

White Background



This preview shows how the XYZ color 18.7188, 27.1907, 20.4814 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 18.7188, 27.1907, 20.4814 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 18.7188, 27.1907, 20.4814

Background



This preview shows how black text looks on a background with the XYZ color 18.7188, 27.1907, 20.4814.



This preview shows how white text looks on a background with the XYZ color 18.7188, 27.1907,

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

18.7188, 27.1907, 20.4814

Protanopia

24.9941, 26.7118, 18.0259

Deuteranopia

27.2986, 26.7509, 21.4940



Tritanopia

22.3968, 27.2105, 38.7220

Trichromacy



Original Color

18.7188, 27.1907, 20.4814

Protanomaly

21.9071, 26.4508, 18.9898

Deuteranomaly

23.0748, 26.3229, 21.0042

Tritanomaly

20.8939, 27.0819, 31.3202

Monochromacy



Original Color

18.7188, 27.1907, 20.4814

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

19.8898, 23.7475, 22.9375

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.7188, 27.1907, 20.4814 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(83, 157, 115)` looks like.

```
.text, #text, p{  
    color:rgb(83, 157, 115)  
}
```

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(83, 157, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 157, 115) }
```

Border

The CSS property to change the border of an element to XYZ 18.7188, 27.1907, 20.4814 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(83, 157, 115) }
```


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

```
.border{ border-color:rgb(83, 157, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 157, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 157, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 157, 115);  
box-shadow:4px 4px 4px 4px rgb(83, 157,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 18.7188, 27.1907, 20.4814 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 157, 115) }
```

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

```
.background{ background-color: rgb(83, 157,  
115) }
```

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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