

Converting Colors

XYZ(19.1619, 25.8254, 25.8047)

Have a look what the booklet for
XYZ(19.1619, 25.8254, 25.8047)
contains.

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Color

**XYZ(19.1619, 25.8254,
25.8047)**

Conversions

Conversions Part 1

Format	Color
Hex	579784
RGB	87, 151, 132
RGB Percent	34%, 59%, 52%
CMY	0.6588, 0.4078, 0.4823
CMYK	0.42, 0.00, 0.13, 0.41
HSL	162°, 27%, 47%
HSV	162°, 42%, 59%
XYZ	19.1619, 25.8254, 25.8047
YIQ	129.6980, -32.0450, -19.4770

Conversions

Conversions Part 2

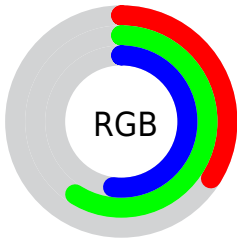
Format	Color
R_{YB}	87, 125, 151
Decimal	5740420
CIE _{Lab}	57.87, -25.23, 3.60
CIE _{LCh}	58, 25.483, 171.889
Yxy	25.8254, 0.2707, 0.3648
Android (android.graphics.Color)	4283930500 (0xFF579784)
YUV	129.6980, 1.1349, -37.4461
Hunter-Lab	50.8187, -21.6268, 5.4668

Details

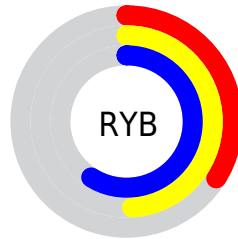
The XYZ color **19.1619, 25.8254, 25.8047** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **18.7730, 14.4368, 15.4336**, and the grayscale version is **21.1162, 22.2159, 24.1931**.

A 20% lighter version of the original color is **41.6435, 53.2208, 53.9767**, and **6.7782, 10.0790, 9.7718** is the 20% darker color. If you saturate the color by 10%, you get **17.5968, 25.0539, 24.1646**, and if you desaturate by 10%, it is **21.0365, 26.7563, 27.5292**.

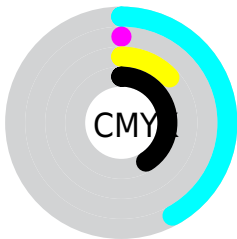
Distribution



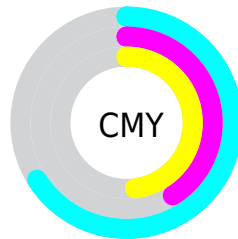
- Red (34%)
- Green (59%)
- Blue (52%)



- Red (34%)
- Yellow (49%)
- Blue (59%)



- Cyan (42%)
- Magenta (0%)
- Yellow (13%)
- Black (41%)



- Cyan (66%)
- Magenta (41%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.1619, 25.8254, 25.8047 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 19.1619, 25.8254, 25.8047 by changing the saturation by 10% instead.

■ 19.1619, 25.8254,
25.8047

■ 19.1619, 25.8254,
25.8047

240.2621,
281.9239, 295.3970

■ 11.8920, 16.6931,
16.4531

■ 41.5223, 52.9931,
53.9399

■ 6.7419, 10.0159,
9.6876

■ 57.3434, 71.7973,
73.5607

■ 3.3461, 5.4095,
5.0894

■ 76.7458, 94.5943,
97.4415

■ 1.3393, 2.4895,
2.2402

■ 100.0946,
121.7683, 126.0011

■ 0.2124, 0.8714,
0.6974

127.7553,
153.7040, 159.6579

■ 0.0000, 0.0000,
0.0000

160.0932,

190.7855, 198.8304

197.4737,
233.3974, 243.9373

■ 19.1619, 25.8254,
25.8047

■ 19.1619, 25.8254,
25.8047

■ 17.5968, 25.0539,
24.1646

■ 21.0365, 26.7563,
27.5292

■ 16.3204, 24.4291,
22.6055

■ 23.2357, 27.8522,
29.3380

■ 15.3126, 23.9413,
21.1260


■ 25.7758, 29.1224,
31.2333


■ 14.5497, 23.5782,
19.7243


■ 28.6717, 30.5744,
33.2166


■ 14.0038, 23.3255,
18.3980


■ 31.9373, 32.2153,
35.2892

 13.6775, 23.1783,
17.4354

 35.5856, 34.0520,
37.4527

 39.6291, 36.0908,
39.7083

 44.0798, 38.3378,
42.0573

 48.9489, 40.7989,
44.5012

Harmonies

Analogous

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



20.1951, 25.8254, 18.9359



19.1619, 25.8254, 25.8047



19.4738, 25.8254, 34.8928

Triad

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



19.1619, 25.8254, 25.8047



26.8096, 25.8254, 46.8684



28.3662, 25.8254, 16.8203

Complementary

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



19.1619, 25.8254, 25.8047



18.7730, 14.4368, 15.4336

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.



30.4309, 25.8254, 22.2848



19.1619, 25.8254, 25.8047



29.4814, 25.8254, 39.8758

Square

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



19.1619, 25.8254, 25.8047



23.7241, 25.8254, 48.3571



30.8552, 25.8254, 30.5687



25.3872, 25.8254, 14.5013

Rectangle

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



19.1619, 25.8254, 25.8047



20.4152, 25.8254, 40.9614



30.8552, 25.8254, 30.5687



29.2001, 25.8254, 18.2885

Sweetspot

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



19.1626, 25.8264, 25.8053



45.7359, 51.9404, 55.6292



18.7553, 25.8989, 13.0276



10.1726, 11.6940, 12.4823



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.



19.1626, 25.8264, 25.8053



31.6051, 44.9122, 43.3783



18.6343, 22.4959, 32.6394



6.3064, 6.9953, 7.5369



11.6482, 19.7227, 14.9000



0.1899, 0.3011, 0.3055

Inverse Universe

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



18.7730, 14.4368, 15.4336



30.8204, 21.6920, 22.2816



19.0216, 16.3441, 11.1693



6.2805, 6.2514, 6.8573



11.2689, 5.7618, 2.6750



0.1831, 0.0920, 0.1168

Previews

White Background



This preview shows how the XYZ color 19.1619, 25.8254, 25.8047 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 19.1619, 25.8254, 25.8047 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 19.1619, 25.8254, 25.8047

Background



This preview shows how black text looks on a background with the XYZ color 19.1619, 25.8254, 25.8047.

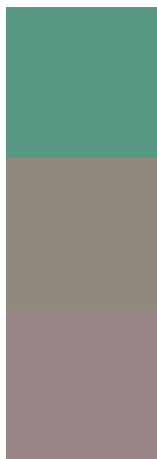


This preview shows how white text looks on a background with the XYZ color 19.1619, 25.8254,

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

19.1619, 25.8254, 25.8047

Protanopia

24.2917, 25.5869, 23.0605

Deuteranopia

26.1059, 25.6001, 26.8579



Tritanopia

21.3078, 25.7503, 36.6482

Trichromacy



Original Color

19.1619, 25.8254, 25.8047

Protanomaly

21.8871, 25.4144, 24.1740

Deuteranomaly

22.8045, 25.1726, 26.5785

Tritanomaly

20.3291, 25.5739, 32.2986

Monochromacy



Original Color

19.1619, 25.8254, 25.8047

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

20.1246, 23.3931, 24.9274

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.1619, 25.8254, 25.8047 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(87, 151, 132)` looks like.

```
.text, #text, p{  
    color:rgb(87, 151, 132)  
}
```

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(87, 151, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 151, 132) }
```

Border

The CSS property to change the border of an element to XYZ 19.1619, 25.8254, 25.8047 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(87, 151, 132) }
```


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

```
.border{ border-color:rgb(87, 151, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 151, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 151, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 151, 132);  
box-shadow:4px 4px 4px 4px rgb(87, 151,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 19.1619, 25.8254, 25.8047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 151, 132) }
```

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

```
.background{ background-color: rgb(87, 151,  
132) }
```

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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