

Converting Colors

XYZ(19.2987, 19.3112, 25.8365)

Have a look what the booklet for
XYZ(19.2987, 19.3112, 25.8365)
contains.

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Color

**XYZ(19.2091, 19.1822,
25.9827)**

Conversions

Conversions Part 1

Format	Color
Hex	7B7788
RGB	123, 119, 136
RGB Percent	48%, 47%, 53%
CMY	0.5176, 0.5333, 0.4667
CMYK	0.10, 0.12, 0.00, 0.47
HSL	254°, 7%, 50%
HSV	254°, 12%, 53%
XYZ	19.2091, 19.1822, 25.9827
YIQ	122.1340, -3.0730, 6.1350

Conversions

Conversions Part 2

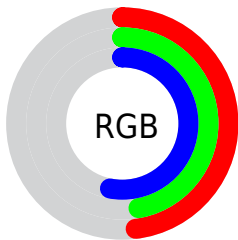
Format	Color
R_{YB}	123, 119, 136
Decimal	8091528
CIE Lab	50.90, 5.06, -8.71
CIE LCh	51, 10.072, 300.167
Yxy	19.1822, 0.2984, 0.2980
Android (android.graphics.Color)	4286281608 (0xFF7B7788)
YUV	122.1340, 6.8359, 0.7595
Hunter-Lab	43.7975, 1.6425, -4.5153

Details

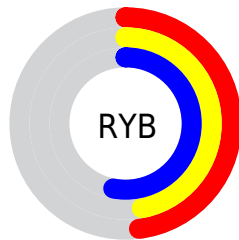
The XYZ color **19.2091, 19.1822, 25.9827** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **21.6505, 23.8464, 20.9155**, and the grayscale version is **18.5220, 19.4866, 21.2209**.

A 20% lighter version of the original color is **41.6527, 42.0300, 54.0614**, and **6.7570, 6.6342, 9.7285** is the 20% darker color. If you saturate the color by 10%, you get **16.2953, 15.4472, 25.4157**, and if you desaturate by 10%, it is **22.5138, 23.4636, 26.6352**.

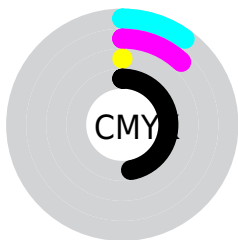
Distribution



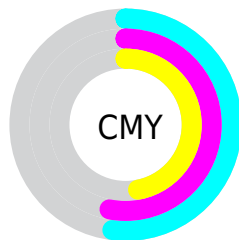
- Red (48%)
- Green (47%)
- Blue (53%)



- Red (48%)
- Yellow (47%)
- Blue (53%)



- Cyan (10%)
- Magenta (12%)
- Yellow (0%)
- Black (47%)



- Cyan (52%)
- Magenta (53%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.2091, 19.1822, 25.9827 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 19.2091, 19.1822, 25.9827 by changing the saturation by 10% instead.

■ 19.2091, 19.1822,
25.9827

■ 19.2091, 19.1822,
25.9827

240.5167,
247.4528, 296.2999

■ 11.9264, 11.8020,
16.5850

■ 41.6013, 42.0417,
54.2308

■ 6.7654, 6.6090,
9.7803

■ 57.4414, 58.2899,
73.9183

■ 3.3608, 3.2188,
5.1498

■ 76.8648, 78.2628,
97.8728

■ 1.3473, 1.2470,
2.2752

100.2367,
102.3449, 126.5129

■ 0.2182, 0.0996,
0.7173

127.9224,
130.9205, 160.2572

■ 0.0000, 0.0000,
0.0000

160.2875,

164.3741, 199.5240

197.6971,
203.0901, 244.7321

■ 19.2091, 19.1822,
25.9827

■ 19.2091, 19.1822,
25.9827

■ 16.2953, 15.4472,
25.4157

■ 22.5138, 23.4636,
26.6352

■ 13.7560, 12.2341,
24.9293

■ 26.2216, 28.3098,
27.3752

■ 11.5761, 9.5201,
24.5203

■ 30.3464, 33.7413,
28.2062

■ 9.7388, 7.2795,
24.1847

■ 34.9006, 39.7770,
29.1312

■ 8.2259, 5.4848,
23.9180

■ 39.8963, 46.4348,
30.1529

7.0175, 4.1051,
23.7154

45.3452, 53.7318,
31.2742

6.0913, 3.1057,
23.5713

51.2583, 61.6846,
32.4976

5.4216, 2.4459,
23.4793

57.6465, 70.3090,
33.8256

5.0392, 2.0844,
23.4296

64.5202, 79.6205,
35.2606

Harmonies

Analogous

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



18.2377, 19.1822, 26.8493



19.2091, 19.1822, 25.9827



19.9401, 19.1822, 23.7280

Triad

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



19.2091, 19.1822, 25.9827



19.1991, 19.1822, 16.4903



16.3876, 19.1822, 20.9021

Complementary

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



19.2091, 19.1822, 25.9827



21.6505, 23.8464, 20.9155

Split Complementary

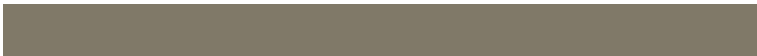
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



16.6245, 19.1822, 18.2808



19.2091, 19.1822, 25.9827



18.2265, 19.1822, 15.8786

Square

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



19.2091, 19.1822, 25.9827



19.9342, 19.1822, 18.2555



17.2888, 19.1822, 16.5039



16.6298, 19.1822, 23.7581

Rectangle

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



19.2091, 19.1822, 25.9827



20.1800, 19.1822, 21.8346



17.2888, 19.1822, 16.5039



16.4137, 19.1822, 19.9656

Sweetspot

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



19.2097, 19.1830, 25.9831



38.7036, 40.0852, 46.7457



20.3082, 22.2117, 26.5098



8.8682, 9.1598, 10.8069



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



19.2097, 19.1830, 25.9831



32.3321, 31.8488, 45.4917



20.4740, 19.8348, 26.0423



4.8777, 4.9454, 6.3033



4.7767, 1.9766, 22.1754



0.0430, 0.0189, 0.1478

Inverse Universe

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



20.9158, 20.0948, 24.6073



35.9605, 33.7886, 42.5294



20.3795, 23.1911, 20.8560



5.1844, 5.1092, 6.0595



11.9792, 5.9018, 12.9267



0.0852, 0.0415, 0.1155

Previews

White Background



This preview shows how the XYZ color 19.2091, 19.1822, 25.9827 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 19.2091, 19.1822, 25.9827 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

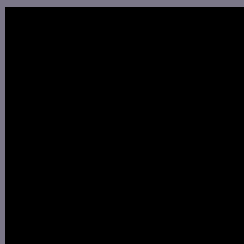
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.2091, 19.1822, 25.9827

Background



This preview shows how black text looks on a background with the XYZ color 19.2091, 19.1822, 25.9827.



This preview shows how white text looks on a background with the XYZ color 19.2091, 19.1822,

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

19.2091, 19.1822, 25.9827

Protanopia

18.8396, 19.1610, 26.3724

Deuteranopia

19.5266, 19.1701, 25.9636



Tritanopia

18.7718, 19.1822, 23.8323

Trichromacy



Original Color

19.2091, 19.1822, 25.9827

Protanomaly

18.9776, 19.2322, 26.3789

Deuteranomaly

19.3798, 19.0944, 25.9567

Tritanomaly

18.9074, 19.2365, 24.5463

Monochromacy



Original Color

19.2091, 19.1822, 25.9827

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

18.6942, 19.3446, 22.8273

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.2091, 19.1822, 25.9827 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, 119, 136)` looks like.

```
.text, #text, p{  
    color:rgb(123, 119, 136)  
}
```

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, 119, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 119, 136) }
```

Border

The CSS property to change the border of an element to XYZ 19.2091, 19.1822, 25.9827 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, 119, 136) }
```


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

```
.border{ border-color:rgb(123, 119, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 119, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 119, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 119, 136);  
box-shadow:4px 4px 4px 4px rgb(123, 119,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 19.2091, 19.1822, 25.9827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 119, 136) }
```

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

```
.background{ background-color: rgb(123,  
119, 136) }
```

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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