

Converting Colors

XYZ(19.1719, 11.3004, 8.7855)

Have a look what the booklet for
XYZ(19.1719, 11.3004, 8.7855)
contains.

XYZ(19.0825, 11.2391, 8.7530)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(19.0825, 11.2391,
8.7530)**

Conversions

Conversions Part 1

Format	Color
Hex	AA3050
RGB	170, 48, 80
RGB Percent	67%, 19%, 31%
CMY	0.3333, 0.8117, 0.6863
CMYK	0.00, 0.72, 0.53, 0.33
HSL	344°, 56%, 43%
HSV	344°, 72%, 67%
XYZ	19.0825, 11.2391, 8.7530
YIQ	88.1260, 62.4400, 35.8160

Conversions

Conversions Part 2

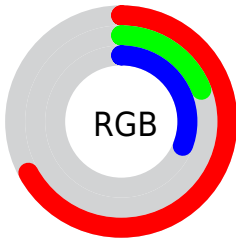
Format	Color
R_{YB}	170, 48, 80
Decimal	11153488
CIE Lab	39.98, 51.48, 10.20
CIE LCh	40, 52.483, 11.208
Yxy	11.2391, 0.4884, 0.2876
Android (android.graphics.Color)	4289343568 (0xFFAA3050)
YUV	88.1260, -4.0061, 71.8035
Hunter-Lab	33.5248, 42.9349, 7.9873

Details

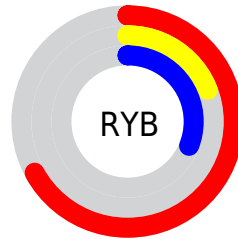
The XYZ color **19.0825, 11.2391, 8.7530** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **20.1819, 31.2132, 29.0085**, and the grayscale version is **9.3028, 9.7873, 10.6584**.

A 20% lighter version of the original color is **41.4458, 28.1085, 24.0099**, and **7.0005, 3.5721, 1.9896** is the 20% darker color. If you saturate the color by 10%, you get **18.0947, 9.9372, 6.3470**, and if you desaturate by 10%, it is **20.4238, 13.1097, 11.7038**.

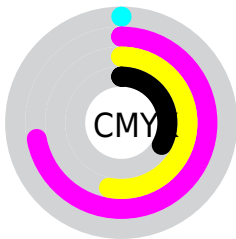
Distribution



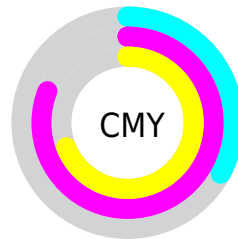
- Red (67%)
- Green (19%)
- Blue (31%)



- Red (67%)
- Yellow (19%)
- Blue (31%)



- Cyan (0%)
- Magenta (72%)
- Yellow (53%)
- Black (33%)





- Cyan (33%)
- Magenta (81%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.0825, 11.2391, 8.7530 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 19.0825, 11.2391, 8.7530 by changing the saturation by 10% instead.


 19.0825, 11.2391,
8.7530


 19.0825, 11.2391,
8.7530


239.8332,
199.3007, 191.6742


 11.8343, 6.2279,
4.4858


 41.3893, 28.1015,
23.9920


 6.7023, 2.9841,
1.8955


 57.1785, 40.7214,
35.8009


 3.3213, 1.1235,
0.4898

 76.5454, 56.6464,
50.9608

 1.3259, 0.0000,
0.0000

 99.8554, 76.2608,
69.8903

 0.2025, 0.0000,
0.0000

 127.4739, 99.9490,
93.0078

 0.0000, 0.0000,
0.0000

 159.7661,

128.0955, 120.7319

197.0974,
161.0846, 153.4812

■ 19.0825, 11.2391,
8.7530

■ 19.0825, 11.2391,
8.7530

■ 18.0947, 9.9372,
6.3470

■ 20.4238, 13.1097,
11.7038

■ 17.4223, 9.1354,
4.4490

■ 22.1495, 15.6034,
15.2315

■ 17.0432, 8.7323,
3.2280

■ 24.2879, 18.7702,
19.3659

■ 26.8643, 22.6547,
24.1348

■ 29.9020, 27.2975,
29.5640

■ 33.4225, 32.7360,
35.6779

■ 37.4461, 39.0056,
42.4995

■ 41.9918, 46.1390,
50.0510

■ 47.0776, 54.1674,
58.3534

Harmonies

Analogous

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



18.7333, 11.2391, 19.8605



19.0825, 11.2391, 8.7530



16.8314, 11.2391, 3.2347

Triad

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



19.0825, 11.2391, 8.7530



6.7169, 11.2391, 2.5250



8.5906, 11.2391, 42.5340

Complementary

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



19.0825, 11.2391, 8.7530



20.1819, 31.2132, 29.0085

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.



6.2497, 11.2391, 30.6625



19.0825, 11.2391, 8.7530



5.3491, 11.2391, 6.8674

Square

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



19.0825, 11.2391, 8.7530



9.3841, 11.2391, 1.2432



5.2000, 11.2391, 16.5421



12.0953, 11.2391, 44.1215

Rectangle

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



19.0825, 11.2391, 8.7530



14.4036, 11.2391, 1.7553



5.2000, 11.2391, 16.5421



7.6646, 11.2391, 39.3935

Sweetspot

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



19.0828, 11.2397, 8.7532



53.8763, 48.9480, 52.9751



18.7065, 10.3748, 39.0468



11.6775, 10.3985, 11.2166



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



19.0828, 11.2397, 8.7532



32.0586, 17.0845, 9.4111



19.7283, 13.9937, 4.4584



7.6089, 7.5734, 8.2576



12.5574, 6.4317, 2.4806



0.3260, 0.1647, 0.1682

Inverse Universe

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



19.0828, 11.2397, 8.7532



32.0586, 17.0845, 9.4111



18.0789, 22.7388, 41.4664



7.6089, 7.5734, 8.2576



12.5574, 6.4317, 2.4806



0.3260, 0.1647, 0.1682

Previews

White Background



This preview shows how the XYZ color 19.0825, 11.2391, 8.7530 looks on a white 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

Black Background



This preview shows how the XYZ color 19.0825, 11.2391, 8.7530 looks on a black 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

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

XYZ 19.0825, 11.2391, 8.7530

Background



This preview shows how black text looks on a background with the XYZ color 19.0825, 11.2391, 8.7530.



This preview shows how white text looks on a background with the XYZ color 19.0825, 11.2391,

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

19.0825, 11.2391, 8.7530

Protanopia

11.2070, 11.5636, 14.7380

Deuteranopia

11.5327, 11.3561, 8.0627



Tritanopia

18.3491, 11.2667, 4.9490

Trichromacy



Original Color

19.0825, 11.2391, 8.7530

Protanomaly

12.8160, 10.4126, 12.1608

Deuteranomaly

13.3363, 10.4595, 8.1535

Tritanomaly

18.5001, 11.1843, 6.1848

Monochromacy



Original Color

19.0825, 11.2391, 8.7530

Achromatopsia

9.2757, 9.7587, 10.6273

Achromatomaly

11.4934, 9.2725, 9.7783

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.0825, 11.2391, 8.7530 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(170, 48, 80)` looks like.

```
.text, #text, p{  
    color:rgb(170, 48, 80)  
}
```

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(170, 48, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 48, 80) }
```

Border

The CSS property to change the border of an element to XYZ 19.0825, 11.2391, 8.7530 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(170, 48, 80) }
```


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

```
.border{ border-color:rgb(170, 48, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 48, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 48, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 48, 80);  
box-shadow:4px 4px 4px 4px rgb(170, 48,  
80) }
```

Background

The CSS property to change the background color of an element to XYZ 19.0825, 11.2391, 8.7530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 48, 80) }
```

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

```
.background{ background-color: rgb(170, 48,  
80) }
```

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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