

Converting Colors

XYZ(18.3073, 10.5901, 6.5484)

Have a look what the booklet for
XYZ(18.3073, 10.5901, 6.5484)
contains.

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Color

**XYZ(18.2695, 10.5801,
6.5481)**

Conversions

Conversions Part 1

Format	Color
Hex	A92B44
RGB	169, 43, 68
RGB Percent	66%, 17%, 27%
CMY	0.3373, 0.8313, 0.7333
CMYK	0.00, 0.75, 0.60, 0.34
HSL	348°, 59%, 42%
HSV	348°, 75%, 66%
XYZ	18.2695, 10.5801, 6.5481
YIQ	83.5240, 67.0710, 34.4870

Conversions

Conversions Part 2

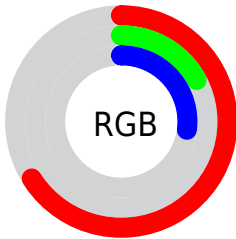
Format	Color
RYB	169, 43, 68
Decimal	11086660
CIELab	38.86, 52.07, 16.24
CIELCh	39, 54.547, 17.316
Yxy	10.5801, 0.5161, 0.2989
Android (android.graphics.Color)	4289276740 (0xFFA92B44)
YUV	83.5240, -7.6533, 74.9625
Hunter-Lab	32.5271, 43.3359, 10.8331

Details

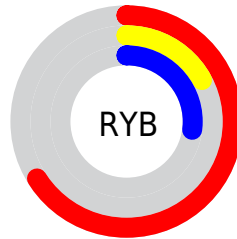
The XYZ color **18.2695, 10.5801, 6.5481** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **20.2192, 30.9036, 31.2879**, and the grayscale version is **8.3352, 8.7692, 9.5497**.

A 20% lighter version of the original color is **39.9273, 26.8426, 19.5997**, and **6.6169, 3.3896, 1.2828** is the 20% darker color. If you saturate the color by 10%, you get **17.4105, 9.4492, 4.4523**, and if you desaturate by 10%, it is **19.4791, 12.2594, 9.2324**.

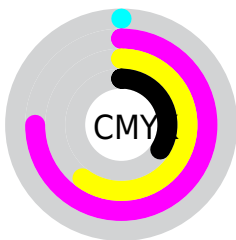
Distribution



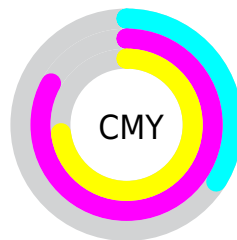
- Red (66%)
- Green (17%)
- Blue (27%)



- Red (66%)
- Yellow (17%)
- Blue (27%)



- Cyan (0%)
- Magenta (75%)
- Yellow (60%)
- Black (34%)





- Cyan (34%)
- Magenta (83%)
- Yellow (73%)
- Black (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 18.2695, 10.5801, 6.5481 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 18.2695, 10.5801, 6.5481 by changing the saturation by 10% instead.

 18.2695, 10.5801,
6.5481

 18.2695, 10.5801,
6.5481


235.4020,
194.7637, 173.3400


 11.2445, 5.7852,
3.1070


 40.0225, 26.8810,
19.5553


 6.3000, 2.7149,
1.1495


 55.4812, 39.1559,
29.9585


 3.0708, 0.9848,
0.0000

 74.4819, 54.6929,
43.5195

 1.1913, 0.0000,
0.0000

 97.3899, 73.8764,
60.6568

 0.0995, 0.0000,
0.0000

 124.5705, 97.0909,
81.7889

 0.0000, 0.0000,
0.0000

 156.3892,

124.7206, 107.3345

193.2113,
157.1501, 137.7120

■ 18.2695, 10.5801,
6.5481

■ 18.2695, 10.5801,
6.5481

■ 17.4105, 9.4492,
4.4523

■ 19.4791, 12.2594,
9.2324

■ 16.8607, 8.7943,
2.8980

■ 21.0726, 14.5439,
12.5459

■ 16.6441, 8.5478,
2.2502

■ 23.0801, 17.4851,
16.5260

■ 25.5286, 21.1284,
21.2071

■ 28.4427, 25.5155,
26.6211

■ 31.8451, 30.6844,
32.7980

■ 35.7569, 36.6709,
39.7659

■ 40.1983, 43.5084,
47.5518

■ 45.1880, 51.2283,
56.1810

Harmonies

Analogous

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



18.4871, 10.5801, 16.4732



18.2695, 10.5801, 6.5481



15.5498, 10.5801, 2.2027

Triad

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



18.2695, 10.5801, 6.5481



5.7591, 10.5801, 2.6027



8.6042, 10.5801, 43.9514

Complementary

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



18.2695, 10.5801, 6.5481



20.2192, 30.9036, 31.2879

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.



6.0377, 10.5801, 33.2572



18.2695, 10.5801, 6.5481



4.6804, 10.5801, 7.6748

Square

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



18.2695, 10.5801, 6.5481



8.1238, 10.5801, 1.0462



4.7684, 10.5801, 18.5279



12.2727, 10.5801, 42.9414

Rectangle

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



18.2695, 10.5801, 6.5481



12.9854, 10.5801, 1.1805



4.7684, 10.5801, 18.5279



7.6041, 10.5801, 41.4249

Sweetspot

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



18.2698, 10.5807, 6.5483



52.1789, 47.5737, 49.9467



19.4926, 10.5044, 38.5363



11.0518, 9.8832, 10.2984



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



18.2698, 10.5807, 6.5483



30.5257, 16.1221, 6.1821



19.7264, 14.4655, 4.0387



7.5897, 7.5657, 8.1566



12.4206, 6.3770, 1.7607



0.3189, 0.1618, 0.1306

Inverse Universe

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



18.2698, 10.5807, 6.5483



30.5257, 16.1221, 6.1821



16.3015, 19.6654, 40.4727



7.5897, 7.5657, 8.1566



12.4206, 6.3770, 1.7607



0.3189, 0.1618, 0.1306

Previews

White Background



This preview shows how the XYZ color 18.2695, 10.5801, 6.5481 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



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 18.2695, 10.5801, 6.5481

Background



This preview shows how black text looks on a background with the XYZ color 18.2695, 10.5801, 6.5481.



This preview shows how white text looks on a background with the XYZ color 18.2695, 10.5801,

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

18.2695, 10.5801, 6.5481

Protanopia

10.3919, 10.8254, 11.2147

Deuteranopia

10.9974, 10.8721, 6.0763



Tritanopia

17.7193, 10.5796, 4.0139

Trichromacy



Original Color

18.2695, 10.5801, 6.5481

Protanomaly

11.9978, 9.6443, 9.2118

Deuteranomaly

12.7585, 9.9104, 6.0909

Tritanomaly

17.8393, 10.5643, 4.8403

Monochromacy



Original Color

18.2695, 10.5801, 6.5481

Achromatopsia

8.4267, 8.8656, 9.6546

Achromatomaly

10.5735, 8.4511, 8.2817

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.2695, 10.5801, 6.5481 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(169, 43, 68)` looks like.

```
.text, #text, p{  
    color:rgb(169, 43, 68)  
}
```

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(169, 43, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 43, 68) }
```

Border

The CSS property to change the border of an element to XYZ 18.2695, 10.5801, 6.5481 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(169, 43, 68) }
```


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

```
.border{ border-color:rgb(169, 43, 68) }
```

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

Here you see how a box with a 4 pixel rgb(169, 43, 68) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 43, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 43, 68);  
box-shadow:4px 4px 4px 4px rgb(169, 43,  
68) }
```

Background

The CSS property to change the background color of an element to XYZ 18.2695, 10.5801, 6.5481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 43, 68) }
```

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

```
.background{ background-color: rgb(169, 43,  
68) }
```

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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