

Converting Colors

XYZ(18.2759, 9.4044, 1.5986)

Have a look what the booklet for
XYZ(18.2759, 9.4044, 1.5986)
contains.

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Color

**XYZ(18.2763, 9.4050,
1.6111)**

Conversions

Conversions Part 1

Format	Color
Hex	B10016
RGB	177, 0, 22
RGB Percent	69%, 0%, 9%
CMY	0.3059, 0.9999, 0.9137
CMYK	0.00, 1.00, 0.88, 0.31
HSL	353°, 100%, 35%
HSV	353°, 100%, 69%
XYZ	18.2763, 9.4050, 1.6111
YIQ	55.4310, 98.4300, 44.3660

Conversions

Conversions Part 2

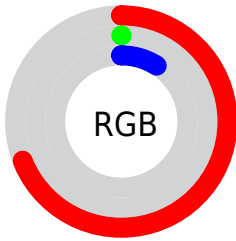
Format	Color
R_{YB}	177, 0, 22
Decimal	11599894
CIE _{Lab}	36.75, 61.21, 41.85
CIE _{LCh}	37, 74.152, 34.362
Yxy	9.4050, 0.6239, 0.3211
Android (android.graphics.Color)	4289789974 (0xFFB10016)
YUV	55.4310, -16.4815, 106.6160
Hunter-Lab	30.6676, 52.7086, 18.3525

Details

The XYZ color **18.2763, 9.4050, 1.6111** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **21.6412, 33.8118, 36.4084**, and the grayscale version is **3.6994, 3.8921, 4.2385**.

A 20% lighter version of the original color is **40.0847, 24.6980, 7.9647**, and **6.9394, 3.5774, 0.3248** is the 20% darker color. If you saturate the color by 10%, you get **18.2760, 9.4049, 1.6099**, and if you desaturate by 10%, it is **18.6852, 9.9077, 2.7194**.

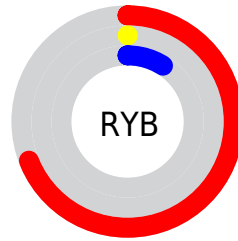
Distribution



Red (69%)

Green (0%)

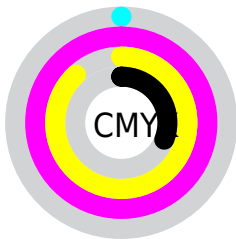
Blue (9%)



Red (69%)

Yellow (0%)

Blue (9%)

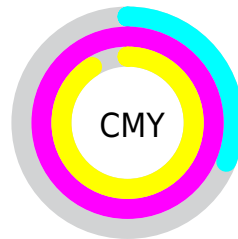


Cyan (0%)

Magenta (100%)

Yellow (88%)

Black (31%)



Cyan (31%)


Magenta (100%)


Yellow (91%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 18.2763, 9.4050, 1.6111 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 18.2763, 9.4050, 1.6111 by changing the saturation by 10% instead.


 18.2763, 9.4050,
1.6111

 18.2763, 9.4050,
1.6111


235.4394,
186.3711, 116.0115


 11.2494, 5.0063,
0.2987


 40.0340, 24.6702,
7.9474


 6.3034, 2.2509,
0.0000


 55.4955, 36.3054,
13.9498


 3.0728, 0.7476,
0.0000

 74.4993, 51.1217,
22.3997

 1.1924, 0.0000,
0.0000

 97.4106, 69.5032,
33.7157

 0.1004, 0.0000,
0.0000


 124.5950, 91.8346,
48.3164

 0.0000, 0.0000,
0.0000


 156.4177,


118.5001, 66.6202


 193.2440,
149.8841, 89.0458


 18.2763, 9.4050,
1.6111


 18.2763, 9.4050,
1.6111


 18.2760, 9.4049,
1.6099

 18.6852, 9.9077,
2.7194

 19.3878, 10.8316,
4.4376

 20.4693, 12.3285,
6.8511

 21.9743, 14.4719,
10.0246

 23.9413, 17.3242,
14.0152

■ 26.4043, 20.9403,
18.8742

■ 29.3940, 25.3699,
24.6491

■ 32.9389, 30.6584,
31.3836

■ 37.0651, 36.8479,
39.1188

Harmonies

Analogous

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



20.8021, 9.4050, 8.4512



18.2763, 9.4050, 1.6111



13.2823, 9.4050, 0.0000

Triad

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



18.2763, 9.4050, 1.6111



3.1456, 9.4050, 2.7766



9.6209, 9.4050, 61.0171

Complementary

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



18.2763, 9.4050, 1.6111



21.6412, 33.8118, 36.4084

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.



5.6640, 9.4050, 53.4840



18.2763, 9.4050, 1.6111



2.7472, 9.4050, 12.2659

Square

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



18.2763, 9.4050, 1.6111



4.8559, 9.4050, 0.1507



3.4889, 9.4050, 31.8799



14.8396, 9.4050, 47.9522

Rectangle

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



18.2763, 9.4050, 1.6111



9.8262, 9.4050, 0.0000



3.4889, 9.4050, 31.8799



8.1072, 9.4050, 60.8574

Sweetspot

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



18.2765, 9.4056, 1.6112



52.3367, 44.9800, 43.5572



21.1492, 9.9865, 42.4077



10.8446, 9.0093, 8.4825



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



18.2765, 9.4056, 1.6112



32.6884, 16.8266, 2.6548



20.0171, 13.1183, 1.4779



8.5379, 8.5219, 9.0649



13.2544, 6.8193, 1.2336



0.4307, 0.2200, 0.1107

Inverse Universe

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



18.2765, 9.4056, 1.6112



32.6884, 16.8266, 2.6548



13.7425, 14.7871, 43.7247



8.5379, 8.5219, 9.0649



13.2544, 6.8193, 1.2336



0.4307, 0.2200, 0.1107

Previews

White Background



This preview shows how the XYZ color 18.2763, 9.4050, 1.6111 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 ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 18.2763, 9.4050, 1.6111

Background



This preview shows how black text looks on a background with the XYZ color 18.2763, 9.4050, 1.6111.



This preview shows how white text looks on a background with the XYZ color 18.2763, 9.4050,

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

18.2763, 9.4050, 1.6111

Protanopia

9.1516, 10.1049, 3.3018

Deuteranopia

10.0586, 10.0077, 1.4015



Tritanopia

18.0898, 9.6007, 0.8997

Trichromacy



Original Color

18.2763, 9.4050, 1.6111

Protanomaly

10.4762, 7.5426, 2.2702

Deuteranomaly

11.5163, 7.8901, 1.1457

Tritanomaly

18.0569, 9.4647, 1.1049

Monochromacy



Original Color

18.2763, 9.4050, 1.6111

Achromatopsia

3.6313, 3.8204, 4.1605

Achromatomaly

6.1827, 4.0291, 2.7373

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.2763, 9.4050, 1.6111 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(177, 0, 22)` looks like.

```
.text, #text, p{  
    color:rgb(177, 0, 22)  
}
```

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(177, 0, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 0, 22) }
```

Border

The CSS property to change the border of an element to XYZ 18.2763, 9.4050, 1.6111 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(177, 0, 22) }
```


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

```
.border{ border-color:rgb(177, 0, 22) }
```

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

Here you see how a box with a 4 pixel rgb(177, 0, 22) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 0, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 0, 22);  
box-shadow:4px 4px 4px 4px rgb(177, 0, 22)  
}
```

Background

The CSS property to change the background color of an element to XYZ 18.2763, 9.4050, 1.6111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 0, 22) }
```

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

```
.background{ background-color: rgb(177, 0,  
22) }
```

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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