

Converting Colors

XYZ(9.2003, 11.4396, 4.8586)

Have a look what the booklet for
XYZ(9.2003, 11.4396, 4.8586)
contains.

XYZ(9.1792, 11.4281, 4.8540)	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(9.1792, 11.4281,
4.8540)**

Conversions

Conversions Part 1

Format	Color
Hex	586433
RGB	88, 100, 51
RGB Percent	35%, 39%, 20%
CMY	0.6549, 0.6078, 0.8000
CMYK	0.12, 0.00, 0.49, 0.61
HSL	75°, 32%, 30%
HSV	75°, 49%, 39%
XYZ	9.1792, 11.4281, 4.8540
YIQ	90.8260, 8.5770, -17.7830

Conversions

Conversions Part 2

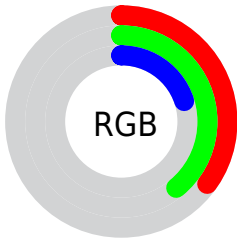
Format	Color
RYB	51, 100, 63
Decimal	5792819
CIELab	40.29, -13.24, 26.14
CIELCh	40, 29.302, 116.863
Yxy	11.4281, 0.3605, 0.4488
Android (android.graphics.Color)	4283982899 (0xFF586433)
YUV	90.8260, -19.6342, -2.4784
Hunter-Lab	33.8055, -10.6915, 15.1506

Details

The XYZ color **9.1792, 11.4281, 4.8540** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **5.5345, 4.3448, 12.6043**, and the grayscale version is **9.9465, 10.4644, 11.3958**.

A 20% lighter version of the original color is **23.9662, 28.5230, 16.0467**, and **2.2149, 3.0286, 0.6114** is the 20% darker color. If you saturate the color by 10%, you get **8.7541, 11.2321, 3.8045**, and if you desaturate by 10%, it is **9.6601, 11.6481, 6.1543**.

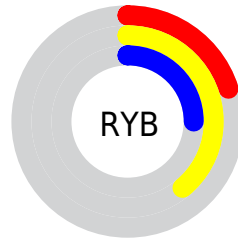
Distribution



Red (35%)

Green (39%)

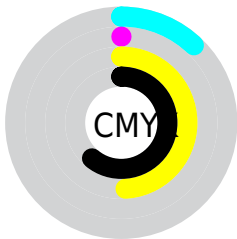
Blue (20%)



Red (20%)

Yellow (39%)

Blue (25%)

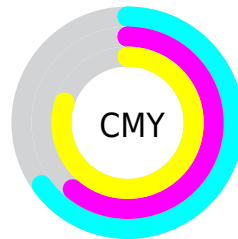


Cyan (12%)

Magenta (0%)

Yellow (49%)

Black (61%)



Cyan (65%)

Magenta (61%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 9.1792, 11.4281, 4.8540 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 9.1792, 11.4281, 4.8540 by changing the saturation by 10% instead.

■ 9.1792, 11.4281,
4.8540

■ 9.1792, 11.4281,
4.8540

178.8880,
200.5815, 157.2911

■ 4.9163, 6.3556,
2.1046

■ 23.9037, 28.4491,
15.9358

■ 2.2325, 3.0625,
0.6185

■ 35.0960, 41.1664,
25.1053

■ 0.7598, 1.1644,
0.0000

■ 49.3288, 57.2007,
37.2520

■ 0.0000, 0.0324,
0.0000

■ 66.9675, 76.9364,
52.7943

■ 0.0000, 0.0000,
0.0000

■ 88.3774, 100.7580,
72.1508

■ 113.9239,

129.0497, 95.7401

143.9723,
162.1961, 123.9807

■ 9.1792, 11.4281,
4.8540

■ 9.1792, 11.4281,
4.8540

■ 8.7541, 11.2321,
3.8045

■ 9.6601, 11.6481,
6.1543

■ 8.3809, 11.0574,
2.9889

■ 10.1988, 11.8917,
7.7193

■ 8.0563, 10.9030,
2.3894

■ 10.7983, 12.1606,
9.5631

■ 7.7762, 10.7673,
1.9850

■ 11.4611, 12.4557,
11.6982

■ 7.5237, 10.6434,
1.6866

■ 12.1895, 12.7780,
14.1366

■ 7.4989, 10.6313,
1.6568

■ 12.9857, 13.1284,
16.8894

■ 13.8518, 13.5076,
19.9674

■ 14.7898, 13.9166,
23.3807

■ 15.8016, 14.3561,
27.1390

Harmonies

Analogous

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



11.0789, 11.4281, 4.2415



9.1792, 11.4281, 4.8540



7.8889, 11.4281, 7.2433

Triad

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



9.1792, 11.4281, 4.8540



8.8498, 11.4281, 24.4672



15.2842, 11.4281, 13.0703

Complementary

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



9.1792, 11.4281, 4.8540



5.5345, 4.3448, 12.6043

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.



14.5017, 11.4281, 19.6767



9.1792, 11.4281, 4.8540



10.6481, 11.4281, 27.4297

Square

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



9.1792, 11.4281, 4.8540



7.7161, 11.4281, 18.2620



12.7390, 11.4281, 25.4482



14.7644, 11.4281, 8.0139

Rectangle

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



9.1792, 11.4281, 4.8540



7.4629, 11.4281, 10.0535



12.7390, 11.4281, 25.4482



15.1626, 11.4281, 15.1846

Sweetspot

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



9.1795, 11.4286, 4.8542



19.3305, 21.4966, 18.0376



7.5998, 6.4413, 3.9748



4.7143, 5.2706, 4.3041



51.1593, 53.8236, 58.6138



5.2251, 5.4972, 5.9864

Same Dimension

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



9.1795, 11.4286, 4.8542



15.2269, 19.6346, 6.3943



7.2738, 10.4462, 4.7651



2.9781, 3.2359, 3.0421



9.9993, 14.2135, 2.2165



51.3334, 73.7093, 11.5218

Inverse Universe

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



5.5345, 4.3448, 12.6043



8.0015, 5.5708, 21.7902



7.4088, 5.3111, 12.6920



2.7498, 2.7931, 3.5262



3.5620, 1.4805, 16.2424



17.8885, 7.3661, 84.6804

Previews

White Background



This preview shows how the XYZ color 9.1792, 11.4281, 4.8540 looks on a white background.

Color Contrast Check

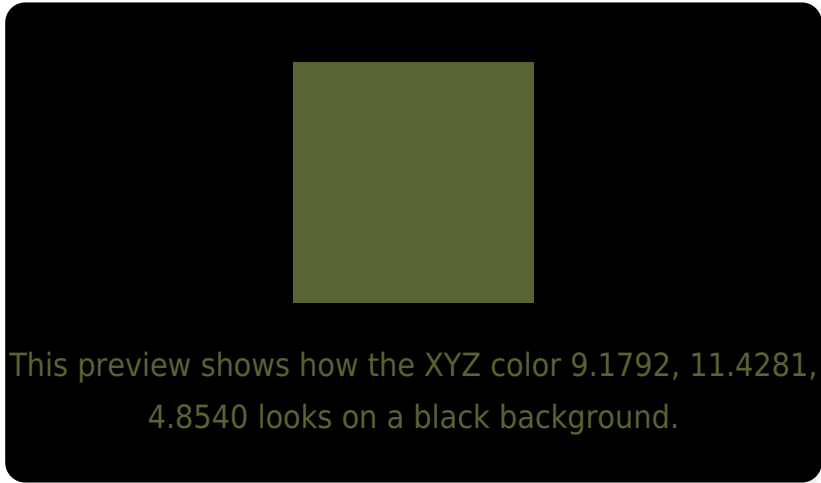
Large Text (above 18pt) WCAG AA ✓ Pass

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 9.1792, 11.4281, 4.8540

Background



This preview shows how black text looks on a background with the XYZ color 9.1792, 11.4281, 4.8540.



This preview shows how white text looks on a background with the XYZ color 9.1792, 11.4281,

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

9.1792, 11.4281, 4.8540

Protanopia

10.4723, 11.4094, 4.5560

Deuteranopia

11.5012, 11.2824, 4.9397



Tritanopia

11.0171, 11.3444, 14.1794

Trichromacy



Original Color

9.1792, 11.4281, 4.8540

Protanomaly

9.9960, 11.4323, 4.6974

Deuteranomaly

10.5664, 11.3175, 4.8764

Tritanomaly

10.1578, 11.2656, 9.8227

Monochromacy



Original Color

9.1792, 11.4281, 4.8540

Achromatopsia

9.9438, 10.4616, 11.3927

Achromatomaly

9.5237, 10.7009, 8.4010

CSS Examples

Text

The CSS property to change the color of the text to XYZ 9.1792, 11.4281, 4.8540 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(88, 100, 51)` looks like.

```
.text, #text, p{  
    color:rgb(88, 100, 51)  
}
```

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(88, 100, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 100, 51) }
```

Border

The CSS property to change the border of an element to XYZ 9.1792, 11.4281, 4.8540 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(88, 100, 51) }
```


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

```
.border{ border-color:rgb(88, 100, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 100, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 100, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 100, 51);  
box-shadow:4px 4px 4px 4px rgb(88, 100,  
51) }
```

Background

The CSS property to change the background color of an element to XYZ 9.1792, 11.4281, 4.8540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 100, 51) }
```

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

```
.background{ background-color: rgb(88, 100,  
51) }
```

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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