

Converting Colors

XYZ(18.0924, 15.2687, 12.3391)

Have a look what the booklet for
XYZ(18.0924, 15.2687, 12.3391)
contains.

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Color

**XYZ(18.1913, 15.3591,
12.3617)**

Conversions

Conversions Part 1

Format	Color
Hex	93605D
RGB	147, 96, 93
RGB Percent	58%, 38%, 36%
CMY	0.4235, 0.6235, 0.6353
CMYK	0.00, 0.35, 0.37, 0.42
HSL	3°, 22%, 47%
HSV	3°, 37%, 58%
XYZ	18.1913, 15.3591, 12.3617
YIQ	110.9070, 31.3590, 9.8790

Conversions

Conversions Part 2

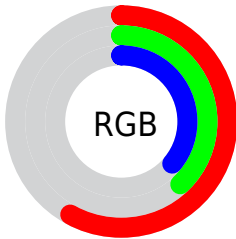
Format	Color
R_{YB}	147, 96, 93
Decimal	9658461
CIE _{Lab}	46.12, 20.38, 10.26
CIE _{LCh}	46, 22.816, 26.734
Yxy	15.3591, 0.3962, 0.3345
Android (android.graphics.Color)	4287848541 (0xFF93605D)
YUV	110.9070, -8.8282, 31.6536
Hunter-Lab	39.1907, 14.2714, 8.7320

Details

The XYZ color **18.1913, 15.3591, 12.3617** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **19.7535, 24.3794, 31.2684**, and the grayscale version is **15.1012, 15.8877, 17.3017**.

A 20% lighter version of the original color is **39.7488, 35.4072, 30.7259**, and **6.2275, 4.7815, 3.2840** is the 20% darker color. If you saturate the color by 10%, you get **16.4451, 12.8104, 8.8703**, and if you desaturate by 10%, it is **20.2872, 18.4068, 16.5876**.

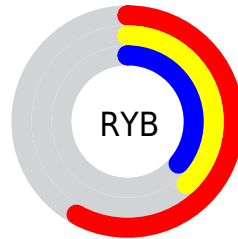
Distribution



Red (58%)

Green (38%)

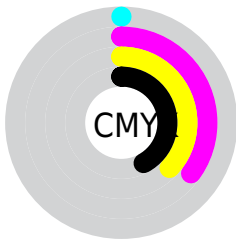
Blue (36%)



Red (58%)

Yellow (38%)

Blue (36%)

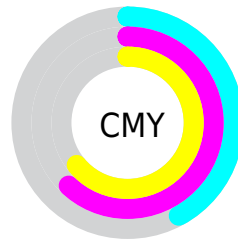


Cyan (0%)

Magenta (35%)

Yellow (37%)

Black (42%)



Cyan (42%)

Magenta (62%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.1913, 15.3591, 12.3617 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 18.1913, 15.3591, 12.3617 by changing the saturation by 10% instead.

■ 18.1913, 15.3591,
12.3617

■ 18.1913, 15.3591,
12.3617

234.9719,
225.5296, 217.8476

■ 11.1879, 9.0718,
6.8650

■ 39.8906, 35.4819,
30.8264

■ 6.2616, 4.7880,
3.3006

■ 55.3172, 50.0862,
44.6314

■ 3.0470, 2.1234,
1.2501

■ 74.2822, 68.2317,
62.0430

■ 1.1787, 0.6778,
0.0204

■ 97.1511, 90.3026,
83.4796

■ 0.0894, 0.0000,
0.0000

124.2892,
116.6835, 109.3598

■ 0.0000, 0.0000,
0.0000

156.0617,

147.7587, 140.1022

192.8342,
183.9126, 176.1253

■ 18.1913, 15.3591,
12.3617

■ 18.1913, 15.3591,
12.3617

■ 16.4451, 12.8104,
8.8703

■ 20.2872, 18.4068,
16.5876

■ 15.0284, 10.7319,
6.0705

■ 22.7491, 21.9756,
21.5855

■ 13.9208, 9.0956,
3.9167

■ 25.5938, 26.0891,
27.3916

■ 13.0992, 7.8695,
2.3571

■ 28.8365, 30.7689,
34.0394

■ 12.5372, 7.0171,
1.3324

■ 32.4920, 36.0353,
41.5607

■ 12.1992, 6.4941,
0.7484

■ 36.5738, 41.9075,
49.9855

■ 12.1214, 6.3805,
0.5927

■ 41.0952, 48.4041,
59.3423

■ 46.0688, 55.5426,
69.6587

■ 51.5065, 63.3401,
80.9607

Harmonies

Analogous

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



18.6500, 15.3591, 17.3398



18.1913, 15.3591, 12.3617



16.7425, 15.3591, 9.2845

Triad

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



18.1913, 15.3591, 12.3617



11.6951, 15.3591, 11.5194



14.3868, 15.3591, 29.8238

Complementary

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



18.1913, 15.3591, 12.3617



19.7535, 24.3794, 31.2684

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.



12.6456, 15.3591, 27.3458



18.1913, 15.3591, 12.3617



11.1806, 15.3591, 16.1219

Square

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



18.1913, 15.3591, 12.3617



12.9832, 15.3591, 8.8792



11.5127, 15.3591, 22.0066



16.3423, 15.3591, 28.1997

Rectangle

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



18.1913, 15.3591, 12.3617



15.4716, 15.3591, 8.3289



11.5127, 15.3591, 22.0066



13.7587, 15.3591, 29.4316

Sweetspot

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



18.1917, 15.3598, 12.3620



43.4599, 43.2897, 44.2009



21.0041, 16.0547, 28.4979



9.7800, 9.6783, 9.8025



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



18.1917, 15.3598, 12.3620



29.9778, 23.7123, 16.9345



21.0543, 21.0851, 13.3162



5.8252, 5.8641, 6.0653



10.5148, 5.5440, 0.5159



0.1338, 0.0781, 0.0080

Inverse Universe

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



19.7535, 24.3794, 31.2684



33.1861, 42.2630, 55.8431



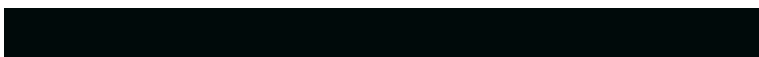
16.1771, 17.2265, 30.0763



5.9368, 6.5075, 7.4129



12.5539, 17.8026, 26.7056



0.1604, 0.2315, 0.3291

Previews

White Background



This preview shows how the XYZ color 18.1913, 15.3591, 12.3617 looks on a white background.

Color Contrast Check

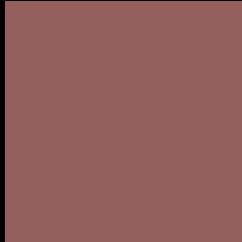
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.1913, 15.3591, 12.3617 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 18.1913, 15.3591, 12.3617

Background



This preview shows how black text looks on a background with the XYZ color 18.1913, 15.3591, 12.3617.



This preview shows how white text looks on a background with the XYZ color 18.1913, 15.3591,

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

18.1913, 15.3591, 12.3617

Protanopia

14.7083, 15.4348, 14.2606

Deuteranopia

15.6923, 15.3705, 12.0373



Tritanopia

18.7032, 15.4396, 14.5648

Trichromacy



Original Color

18.1913, 15.3591, 12.3617

Protanomaly

15.7122, 15.1993, 13.4149

Deuteranomaly

16.5147, 15.3438, 12.2164

Tritanomaly

18.5571, 15.3812, 13.7952

Monochromacy



Original Color

18.1913, 15.3591, 12.3617

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

15.9649, 15.5926, 15.2649

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.1913, 15.3591, 12.3617 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(147, 96, 93)` looks like.

```
.text, #text, p{  
    color:rgb(147, 96, 93)  
}
```

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(147, 96, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 96, 93) }
```

Border

The CSS property to change the border of an element to XYZ 18.1913, 15.3591, 12.3617 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(147, 96, 93) }
```


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

```
.border{ border-color:rgb(147, 96, 93) }
```

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

Here you see how a box with a 4 pixel rgb(147, 96, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 96, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 96, 93);  
box-shadow:4px 4px 4px 4px rgb(147, 96,  
93) }
```

Background

The CSS property to change the background color of an element to XYZ 18.1913, 15.3591, 12.3617 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 96, 93) }
```

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

```
.background{ background-color: rgb(147, 96,  
93) }
```

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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