

Converting Colors

XYZ(10.1094, 15.0019, 9.3214)

Have a look what the booklet for
XYZ(10.1094, 15.0019, 9.3214)
contains.

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Color

**XYZ(10.1704, 15.0588,
9.3918)**

Conversions

Conversions Part 1

Format	Color
Hex	40784D
RGB	64, 120, 77
RGB Percent	25%, 47%, 30%
CMY	0.7490, 0.5294, 0.6980
CMYK	0.47, 0.00, 0.36, 0.53
HSL	134°, 30%, 36%
HSV	134°, 47%, 47%
XYZ	10.1704, 15.0588, 9.3918
YIQ	98.3540, -19.5730, -25.2450

Conversions

Conversions Part 2

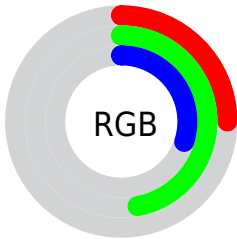
Format	Color
RYB	64, 109, 120
Decimal	4225101
CIELab	45.71, -28.64, 18.04
CIELCh	46, 33.843, 147.794
Yxy	15.0588, 0.2938, 0.4350
Android (android.graphics.Color)	4282415181 (0xFF40784D)
YUV	98.3540, -10.5275, -30.1285
Hunter-Lab	38.8057, -21.1277, 12.8145

Details

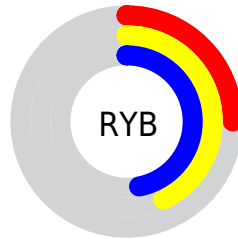
The XYZ color **10.1704, 15.0588, 9.3918** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **12.2335, 8.7217, 14.9491**, and the grayscale version is **11.7270, 12.3377, 13.4358**.

A 20% lighter version of the original color is **25.7797, 35.0383, 25.1430**, and **2.6391, 4.6753, 2.1298** is the 20% darker color. If you saturate the color by 10%, you get **9.1699, 14.5784, 7.7654**, and if you desaturate by 10%, it is **11.3858, 15.6455, 11.2695**.

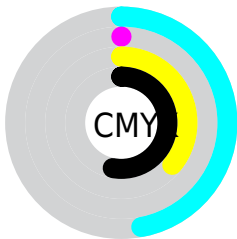
Distribution



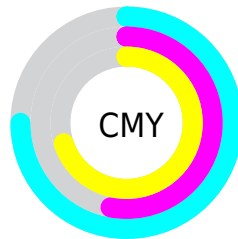
- Red (25%)
- Green (47%)
- Blue (30%)



- Red (25%)
- Yellow (43%)
- Blue (47%)



- Cyan (47%)
- Magenta (0%)
- Yellow (36%)
- Black (53%)



- Cyan (75%)
- Magenta (53%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.1704, 15.0588, 9.3918 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 10.1704, 15.0588, 9.3918 by changing the saturation by 10% instead.

■ 10.1704, 15.0588,
9.3918

■ 10.1704, 15.0588,
9.3918

185.9123,
223.7218, 196.5988

■ 5.5752, 8.8607,
4.8973

■ 25.7623, 34.9563,
25.2348

■ 2.6267, 4.6504,
2.1295

■ 37.4897, 49.4245,
37.4203

■ 0.9596, 2.0436,
0.6332

■ 52.3253, 67.4181,
53.0066

■ 0.0000, 0.6326,
0.0000

■ 70.6343, 89.3215,
72.4123

■ 0.0000, 0.0000,
0.0000

■ 92.7821, 115.5192,
96.0558

119.1342,

146.3956, 124.3557

150.0558,
182.3350, 157.7305

■ 10.1704, 15.0588,
9.3918

■ 10.1704, 15.0588,
9.3918

■ 9.1699, 14.5784,
7.7654

■ 11.3858, 15.6455,
11.2695

■ 8.3702, 14.1960,
6.3787

■ 12.8266, 16.3424,
13.4077

■ 7.7576, 13.9052,
5.2206


■ 14.5041, 17.1556,
15.8160


■ 7.3159, 13.6979,
4.2787


■ 16.4283, 18.0901,
18.5035

■ 7.0132, 13.5579,
3.5387


■ 18.6090, 19.1507,
21.4787

 6.9247, 13.5167,
3.3338

 21.0551, 20.3418,
24.7499

 23.7752, 21.6678,
28.3250

 26.7775, 23.1326,
32.2115

 30.0699, 24.7402,
36.4167

Harmonies

Analogous

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



11.9138, 15.0588, 6.0853



10.1704, 15.0588, 9.3918



9.5188, 15.0588, 15.8016

Triad

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



10.1704, 15.0588, 9.3918



14.1037, 15.0588, 37.5249



19.7098, 15.0588, 10.1298

Complementary

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



10.1704, 15.0588, 9.3918



12.2335, 8.7217, 14.9491

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.



20.4950, 15.0588, 17.0061



10.1704, 15.0588, 9.3918



17.0143, 15.0588, 34.4958

Square

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



10.1704, 15.0588, 9.3918



11.5944, 15.0588, 33.5164



19.4506, 15.0588, 26.2280



17.4263, 15.0588, 6.4016

Rectangle

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



10.1704, 15.0588, 9.3918



9.7161, 15.0588, 21.6572



19.4506, 15.0588, 26.2280



20.1699, 15.0588, 12.0651

Sweetspot

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



10.1708, 15.0594, 9.3921



26.2561, 30.5350, 28.8704



13.8106, 16.9837, 7.4009



6.0861, 7.1703, 6.6498



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



10.1708, 15.0594, 9.3921



16.0170, 25.5867, 13.4719



11.3368, 15.5258, 15.5321



3.9855, 4.4638, 4.4575



7.5491, 14.7433, 3.6107



35.7311, 70.2155, 15.7540

Inverse Universe

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



12.2335, 8.7217, 14.9491



20.1137, 12.9695, 24.4863



11.0226, 8.2374, 8.5729



4.1166, 4.0624, 4.8116



10.5589, 5.1997, 11.4998



50.0282, 24.6676, 53.0720

Previews

White Background



This preview shows how the XYZ color 10.1704, 15.0588, 9.3918 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 10.1704, 15.0588, 9.3918 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 10.1704, 15.0588, 9.3918

Background



This preview shows how black text looks on a background with the XYZ color 10.1704, 15.0588, 9.3918.



This preview shows how white text looks on a background with the XYZ color 10.1704, 15.0588,

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

10.1704, 15.0588, 9.3918

Protanopia

13.8684, 14.9749, 8.2904

Deuteranopia

15.0878, 14.8066, 9.8473



Tritanopia

12.5571, 14.9857, 21.2995

Trichromacy



Original Color

10.1704, 15.0588, 9.3918

Protanomaly

12.0672, 14.6794, 8.6760

Deuteranomaly

12.6255, 14.4595, 9.7149

Tritanomaly

11.4978, 14.8919, 16.1783

Monochromacy



Original Color

10.1704, 15.0588, 9.3918

Achromatopsia

11.6093, 12.2139, 13.3009

Achromatomaly

10.8372, 13.0247, 11.6157

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.1704, 15.0588, 9.3918 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(64, 120, 77)` looks like.

```
.text, #text, p{  
    color:rgb(64, 120, 77)  
}
```

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(64, 120, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 120, 77) }
```

Border

The CSS property to change the border of an element to XYZ 10.1704, 15.0588, 9.3918 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(64, 120, 77) }
```


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

```
.border{ border-color:rgb(64, 120, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 120, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 120, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 120, 77);  
box-shadow:4px 4px 4px 4px rgb(64, 120,  
77) }
```

Background

The CSS property to change the background color of an element to XYZ 10.1704, 15.0588, 9.3918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 120, 77) }
```

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

```
.background{ background-color: rgb(64, 120,  
77) }
```

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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