

Converting Colors

XYZ(10.3615, 15.1340, 8.8300)

Have a look what the booklet for
XYZ(10.3615, 15.1340, 8.8300)
contains.

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Color

**XYZ(10.4067, 15.1926,
8.8625)**

Conversions

Conversions Part 1

Format	Color
Hex	45784A
RGB	69, 120, 74
RGB Percent	27%, 47%, 29%
CMY	0.7294, 0.5294, 0.7098
CMYK	0.43, 0.00, 0.38, 0.53
HSL	126°, 27%, 37%
HSV	126°, 43%, 47%
XYZ	10.4067, 15.1926, 8.8625
YIQ	99.5070, -15.6300, -25.1180

Conversions

Conversions Part 2

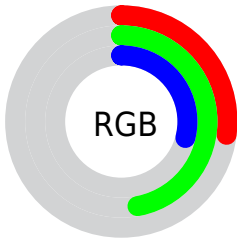
Format	Color
RYB	69, 115, 120
Decimal	4552778
CIELab	45.90, -27.60, 20.04
CIElCh	46, 34.107, 144.009
Yxy	15.1926, 0.3020, 0.4409
Android (android.graphics.Color)	4282742858 (0xFF45784A)
YUV	99.5070, -12.5750, -26.7546
Hunter-Lab	38.9777, -20.5530, 13.8034

Details

The XYZ color **10.4067, 15.1926, 8.8625** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **12.9688, 9.4873, 17.3677**, and the grayscale version is **12.0218, 12.6479, 13.7735**.

A 20% lighter version of the original color is **26.2645, 35.3103, 24.1702**, and **2.7245, 4.7238, 1.9306** is the 20% darker color. If you saturate the color by 10%, you get **9.3063, 14.6643, 7.0687**, and if you desaturate by 10%, it is **11.7429, 15.8360, 10.9956**.

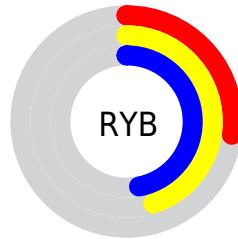
Distribution



Red (27%)

Green (47%)

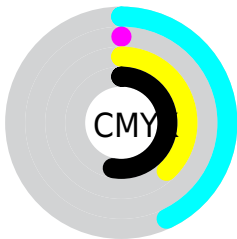
Blue (29%)



Red (27%)

Yellow (45%)

Blue (47%)

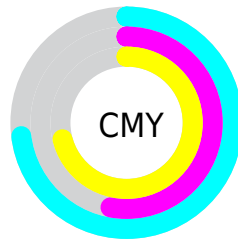


Cyan (43%)

Magenta (0%)

Yellow (38%)

Black (53%)



Cyan (73%)

Magenta (53%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.4067, 15.1926, 8.8625 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 10.4067, 15.1926, 8.8625 by changing the saturation by 10% instead.

■ 10.4067, 15.1926,
8.8625

■ 10.4067, 15.1926,
8.8625

187.5442,
224.5290, 192.5290

■ 5.7338, 8.9547,
4.5560

■ 26.2005, 35.1907,
24.2062

■ 2.7230, 4.7116,
1.9351

■ 38.0521, 49.7197,
36.0805

■ 1.0090, 2.0791,
0.5149

■ 53.0272, 67.7811,
51.3146

■ 0.0000, 0.6528,
0.0000

■ 71.4913, 89.7594,
70.3268

■ 0.0000, 0.0000,
0.0000

■ 93.8097, 116.0389,
93.5358

120.3478,

147.0041, 121.3602

151.4708,
183.0394, 154.2184

■ 10.4067, 15.1926,
8.8625

■ 10.4067, 15.1926,
8.8625

■ 9.3063, 14.6643,
7.0687

■ 11.7429, 15.8360,
10.9956

■ 8.4268, 14.2426,
5.5958

■ 13.3262, 16.5988,
13.4831

■ 7.7535, 13.9208,
4.4250

■ 15.1687, 17.4873,
16.3405

■ 7.2695, 13.6904,
3.5356

■ 17.2813, 18.5069,
19.5821

■ 6.9547, 13.5418,
2.9037

■ 19.6743, 19.6625,
23.2213

■ 6.7818, 13.4596,
2.5810

■ 22.3575, 20.9588,
27.2710

■ 25.3401, 22.4005,
31.7434

■ 28.6311, 23.9919,
36.6504

■ 32.2388, 25.7370,
42.0031

Harmonies

Analogous

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



12.3019, 15.1926, 5.8720



10.4067, 15.1926, 8.8625



9.6029, 15.1926, 14.9414

Triad

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



10.4067, 15.1926, 8.8625



13.8698, 15.1926, 37.8613



20.1128, 15.1926, 10.8916

Complementary

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



10.4067, 15.1926, 8.8625



12.9688, 9.4873, 17.3677

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.



20.6779, 15.1926, 18.2534



10.4067, 15.1926, 8.8625



16.8127, 15.1926, 35.6721

Square

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



10.4067, 15.1926, 8.8625



11.4240, 15.1926, 32.9798



19.4005, 15.1926, 27.7229



17.9452, 15.1926, 6.7416

Rectangle

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



10.4067, 15.1926, 8.8625



9.7057, 15.1926, 20.6864



19.4005, 15.1926, 27.7229



20.5075, 15.1926, 12.9921

Sweetspot

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



10.4071, 15.1932, 8.8628



26.3954, 30.6195, 28.3032



14.9606, 17.5593, 8.2309



6.1060, 7.1844, 6.4767



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.



10.4071, 15.1932, 8.8628



16.4112, 25.8118, 12.5045



11.4113, 15.5949, 14.1509



3.9654, 4.4558, 4.3515



7.3952, 14.6817, 2.8001



35.1247, 69.9729, 12.5608

Inverse Universe

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



12.9688, 9.4873, 17.3677



21.5501, 14.3531, 29.5565



11.7304, 8.9919, 10.8463



4.1384, 4.0711, 4.9263



11.4137, 5.5417, 16.0015



54.2692, 26.3640, 75.4046

Previews

White Background



This preview shows how the XYZ color 10.4067, 15.1926, 8.8625 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 10.4067, 15.1926, 8.8625 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 10.4067, 15.1926, 8.8625

Background



This preview shows how black text looks on a background with the XYZ color 10.4067, 15.1926, 8.8625.



This preview shows how white text looks on a background with the XYZ color 10.4067, 15.1926,

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

10.4067, 15.1926, 8.8625

Protanopia

13.9080, 15.0063, 7.7937

Deuteranopia

15.2275, 15.0399, 9.3081



Tritanopia

12.8169, 15.1270, 20.9832

Trichromacy



Original Color

10.4067, 15.1926, 8.8625

Protanomaly

12.1870, 14.7526, 8.1664

Deuteranomaly

12.9789, 14.8135, 9.1964

Tritanomaly

11.6968, 15.0066, 15.6447

Monochromacy



Original Color

10.4067, 15.1926, 8.8625

Achromatopsia

12.1130, 12.7438, 13.8780

Achromatomaly

11.2658, 13.3946, 11.8892

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.4067, 15.1926, 8.8625 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(69, 120, 74)` looks like.

```
.text, #text, p{  
    color:rgb(69, 120, 74)  
}
```

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(69, 120, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 120, 74) }
```

Border

The CSS property to change the border of an element to XYZ 10.4067, 15.1926, 8.8625 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(69, 120, 74) }
```


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

```
.border{ border-color:rgb(69, 120, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 120, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 120, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 120, 74);  
box-shadow:4px 4px 4px 4px rgb(69, 120,  
74) }
```

Background

The CSS property to change the background color of an element to XYZ 10.4067, 15.1926, 8.8625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 120, 74) }
```

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

```
.background{ background-color: rgb(69, 120,  
74) }
```

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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