

Converting Colors

XYZ(10.5914, 15.2418, 8.9052)

Have a look what the booklet for
XYZ(10.5914, 15.2418, 8.9052)
contains.

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Color

**XYZ(10.6250, 15.3051,
8.8727)**

Conversions

Conversions Part 1

Format	Color
Hex	48784A
RGB	72, 120, 74
RGB Percent	28%, 47%, 29%
CMY	0.7176, 0.5294, 0.7098
CMYK	0.40, 0.00, 0.38, 0.53
HSL	123°, 25%, 38%
HSV	123°, 40%, 47%
XYZ	10.6250, 15.3051, 8.8727
YIQ	100.4040, -13.8420, -24.4820

Conversions

Conversions Part 2

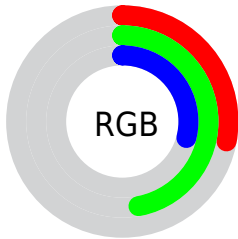
Format	Color
RYB	72, 118, 120
Decimal	4749386
CIELab	46.05, -26.59, 20.27
CIELCh	46, 33.439, 142.680
Yxy	15.3051, 0.3053, 0.4398
Android (android.graphics.Color)	4282939466 (0xFF48784A)
YUV	100.4040, -13.0172, -24.9103
Hunter-Lab	39.1217, -19.9845, 13.9384

Details

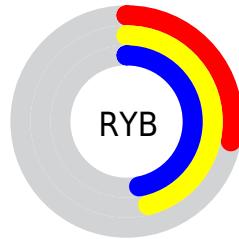
The XYZ color **10.6250, 15.3051, 8.8727** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **13.3336, 9.9361, 18.3553**, and the grayscale version is **12.2516, 12.8896, 14.0368**.

A 20% lighter version of the original color is **26.6871, 35.5282, 24.1900**, and **2.8059, 4.7658, 1.9344** is the 20% darker color. If you saturate the color by 10%, you get **9.4636, 14.7476, 6.9776**, and if you desaturate by 10%, it is **12.0327, 15.9823, 11.1498**.

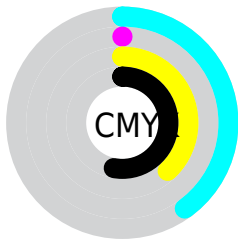
Distribution



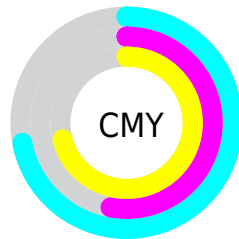
- Red (28%)
- Green (47%)
- Blue (29%)



- Red (28%)
- Yellow (46%)
- Blue (47%)



- Cyan (40%)
- Magenta (0%)
- Yellow (38%)
- Black (53%)



- Cyan (72%)
- Magenta (53%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.6250, 15.3051, 8.8727 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 10.6250, 15.3051, 8.8727 by changing the saturation by 10% instead.

■ 10.6250, 15.3051,
8.8727

■ 10.6250, 15.3051,
8.8727

189.0383,
225.2056, 192.6084

■ 5.8807, 9.0338,
4.5626

■ 26.6038, 35.3875,
24.2262

■ 2.8126, 4.7632,
1.9388

■ 38.5689, 49.9674,
36.1066

■ 1.0555, 2.1090,
0.5172

■ 53.6718, 68.0857,
51.3474

■ 0.0000, 0.6697,
0.0000

■ 72.2776, 90.1266,
70.3674

■ 0.0000, 0.0000,
0.0000

■ 94.7518, 116.4747,
93.5849

121.4598,

147.5143, 121.4186

152.7669,
183.6298, 154.2869

■ 10.6250, 15.3051,
8.8727

■ 10.6250, 15.3051,
8.8727

■ 9.4636, 14.7476,
6.9776

■ 12.0327, 15.9823,
11.1498

■ 8.5333, 14.3010,
5.4427

■ 13.6985, 16.7835,
13.8272

■ 7.8189, 13.9585,
4.2454


■ 15.6349, 17.7152,
16.9231


■ 7.3031, 13.7116,
3.3603


■ 17.8530, 18.7829,
20.4544


■ 6.9657, 13.5507,
2.7584


■ 20.3637, 19.9916,
24.4370

 6.7442, 13.4445,
2.3832

 23.1769, 21.3463,
28.8861

 26.3022, 22.8516,
33.8162

 29.7490, 24.5120,
39.2409

 33.5259, 26.3316,
45.1736

Harmonies

Analogous

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



12.5430, 15.3051, 6.0049



10.6250, 15.3051, 8.8727



9.7786, 15.3051, 14.7518

Triad

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



10.6250, 15.3051, 8.8727



13.8628, 15.3051, 37.4653



20.1845, 15.3051, 11.3364

Complementary

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



10.6250, 15.3051, 8.8727



13.3336, 9.9361, 18.3553

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.



20.6577, 15.3051, 18.7360



10.6250, 15.3051, 8.8727



16.7539, 15.3051, 35.6407

Square

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



10.6250, 15.3051, 8.8727



11.4835, 15.3051, 32.4367



19.3320, 15.3051, 28.0472



18.1121, 15.3051, 7.0706

Rectangle

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



10.6250, 15.3051, 8.8727



9.8467, 15.3051, 20.3354



19.3320, 15.3051, 28.0472



20.5460, 15.3051, 13.4646

Sweetspot

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



10.6254, 15.3057, 8.8730



26.6736, 30.7599, 28.4480



15.4125, 17.7813, 8.7508



6.2393, 7.2503, 6.6108



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.



10.6254, 15.3057, 8.8730



16.7968, 26.0105, 12.5222



11.5752, 15.6857, 13.8745



3.9570, 4.4524, 4.3075



7.3558, 14.6660, 2.5927



35.0096, 69.9269, 11.9543

Inverse Universe

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



13.3336, 9.9361, 18.3553



22.2608, 15.1724, 31.6497



12.1020, 9.4435, 11.8693



4.1476, 4.0748, 4.9750



11.8247, 5.7060, 18.1658



56.3245, 27.1861, 86.2278

Previews

White Background



This preview shows how the XYZ color 10.6250, 15.3051, 8.8727 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 10.6250, 15.3051, 8.8727 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 10.6250, 15.3051, 8.8727

Background



This preview shows how black text looks on a background with the XYZ color 10.6250, 15.3051, 8.8727.



This preview shows how white text looks on a background with the XYZ color 10.6250, 15.3051,

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

10.6250, 15.3051, 8.8727

Protanopia

14.0140, 15.2185, 7.8291

Deuteranopia

15.3787, 15.1178, 9.3152



Tritanopia

13.0721, 15.2585, 20.9951

Trichromacy



Original Color

10.6250, 15.3051, 8.8727

Protanomaly

12.4093, 15.0319, 8.2086

Deuteranomaly

13.0998, 14.8758, 9.2021

Tritanomaly

11.9371, 15.1304, 15.6559

Monochromacy



Original Color

10.6250, 15.3051, 8.8727

Achromatopsia

12.1130, 12.7438, 13.8780

Achromatomaly

11.3625, 13.4444, 11.8937

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.6250, 15.3051, 8.8727 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(72, 120, 74)` looks like.

```
.text, #text, p{  
    color:rgb(72, 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(72, 120, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 120, 74) }
```

Border

The CSS property to change the border of an element to XYZ 10.6250, 15.3051, 8.8727 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(72, 120, 74) }
```


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

```
.border{ border-color:rgb(72, 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(72, 120, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 120, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 120, 74);  
box-shadow:4px 4px 4px 4px rgb(72, 120,  
74) }
```

Background

The CSS property to change the background color of an element to XYZ 10.6250, 15.3051, 8.8727 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 120, 74) }
```

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

```
.background{ background-color: rgb(72, 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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