

Converting Colors

XYZ(15.0537, 20.2615, 12.2609)

Have a look what the booklet for
XYZ(15.0537, 20.2615, 12.2609)
contains.

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Color

**XYZ(15.0059, 20.1877,
12.3382)**

Conversions

Conversions Part 1

Format	Color
Hex	5F8658
RGB	95, 134, 88
RGB Percent	37%, 53%, 35%
CMY	0.6274, 0.4745, 0.6549
CMYK	0.29, 0.00, 0.34, 0.47
HSL	111°, 21%, 44%
HSV	111°, 34%, 53%
XYZ	15.0059, 20.1877, 12.3382
YIQ	117.0950, -8.4780, -22.5740

Conversions

Conversions Part 2

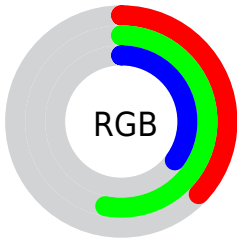
Format	Color
R_{YB}	88, 134, 127
Decimal	6260312
CIE _{Lab}	52.05, -23.08, 20.54
CIE _{LCh}	52, 30.896, 138.324
Yxy	20.1877, 0.3157, 0.4247
Android (android.graphics.Color)	4284450392 (0xFF5F8658)
YUV	117.0950, -14.3438, -19.3773
Hunter-Lab	44.9307, -19.0136, 15.1702

Details

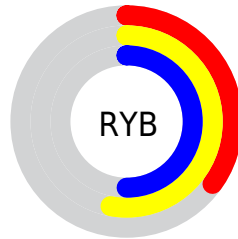
The XYZ color **15.0059, 20.1877, 12.3382** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **16.5460, 13.2132, 24.2337**, and the grayscale version is **16.9834, 17.8678, 19.4581**.

A 20% lighter version of the original color is **34.3904, 43.5787, 30.6437**, and **4.7605, 7.1122, 3.3124** is the 20% darker color. If you saturate the color by 10%, you get **13.4059, 19.4218, 9.6274**, and if you desaturate by 10%, it is **16.8812, 21.0849, 15.5954**.

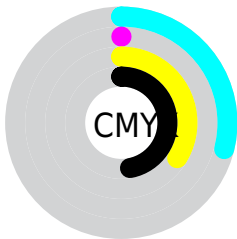
Distribution



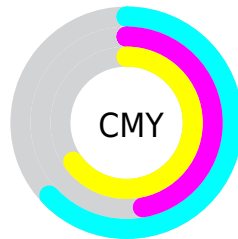
- Red (37%)
- Green (53%)
- Blue (35%)



- Red (35%)
- Yellow (53%)
- Blue (50%)



- Cyan (29%)
- Magenta (0%)
- Yellow (34%)
- Black (47%)



- Cyan (63%)
- Magenta (47%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.0059, 20.1877, 12.3382 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 15.0059, 20.1877, 12.3382 by changing the saturation by 10% instead.

■ 15.0059, 20.1877,
12.3382

■ 15.0059, 20.1877,
12.3382

216.7896,
252.9294, 217.6884

■ 8.9099, 12.5316,
6.8491

■ 34.4351, 43.7317,
30.7831

■ 4.7391, 7.1068,
3.2909

■ 48.4990, 60.3883,
44.5761

■ 2.1282, 3.5290,
1.2450

■ 65.9495, 80.8138,
61.9741

■ 0.7045, 1.4137,
0.0161

■ 87.1521, 105.3927,
83.3956

■ 0.0000, 0.2268,
0.0000

■ 112.4720,
134.5093, 109.2593

■ 0.0000, 0.0000,
0.0000

142.2747,

168.5480, 139.9836

176.9254,
207.8933, 175.9871

■ 15.0059, 20.1877,
12.3382

■ 15.0059, 20.1877,
12.3382

■ 13.4059, 19.4218,
9.6274

■ 16.8812, 21.0849,
15.5954

■ 12.0665, 18.7785,
7.4319

■ 19.0423, 22.1165,
19.4252

■ 10.9743, 18.2522,
5.7194


■ 21.5013, 23.2886,
23.8538


■ 10.1136, 17.8357,
4.4534


■ 24.2687, 24.6064,
28.9054


■ 9.4674, 17.5209,
3.5924


■ 27.3550, 26.0745,
34.6027


 9.0147, 17.2984,
3.0820

 30.7698, 27.6976,
40.9674

 8.8220, 17.2039,
2.8557

 34.5226, 29.4800,
48.0201

 38.6222, 31.4259,
55.7807

 43.0773, 33.5393,
64.2681

Harmonies

Analogous

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



17.3440, 20.1877, 9.2737



15.0059, 20.1877, 12.3382



13.8413, 20.1877, 18.6505

Triad

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



15.0059, 20.1877, 12.3382



17.9866, 20.1877, 43.7496



25.5386, 20.1877, 16.9611

Complementary

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



15.0059, 20.1877, 12.3382



16.5460, 13.2132, 24.2337

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.



25.7594, 20.1877, 25.6860



15.0059, 20.1877, 12.3382



21.1579, 20.1877, 42.9301

Square

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



15.0059, 20.1877, 12.3382



15.4319, 20.1877, 37.6697



24.0823, 20.1877, 35.6673



23.5085, 20.1877, 11.3945

Rectangle

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



15.0059, 20.1877, 12.3382



13.7918, 20.1877, 24.5919



24.0823, 20.1877, 35.6673



25.8344, 20.1877, 19.5617

Sweetspot

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



15.0064, 20.1886, 12.3386



35.2646, 39.7833, 37.2994



19.0974, 20.7810, 12.2374



7.8308, 8.9084, 8.1983



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



15.0064, 20.1886, 12.3386



24.2599, 34.5251, 18.0355



15.0152, 20.1118, 16.0109



4.6775, 5.2363, 4.9935



8.2735, 16.1251, 2.6764



0.0325, 0.0579, 0.0095

Inverse Universe

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



16.5460, 13.2132, 24.2337



27.3820, 20.3381, 42.2209



16.6317, 13.3722, 19.0532



4.7902, 4.7279, 5.8609



10.4956, 4.9448, 21.5380



0.0410, 0.0195, 0.0748

Previews

White Background



This preview shows how the XYZ color 15.0059, 20.1877, 12.3382 looks on a white background.

Color Contrast Check

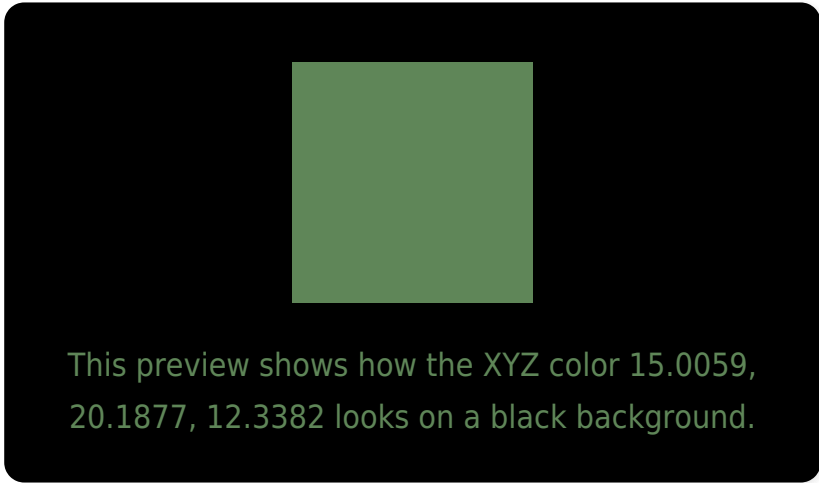
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.0059, 20.1877, 12.3382

Background



This preview shows how black text looks on a background with the XYZ color 15.0059, 20.1877, 12.3382.



This preview shows how white text looks on a background with the XYZ color 15.0059, 20.1877,

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

15.0059, 20.1877, 12.3382

Protanopia

18.6394, 20.1237, 11.2894

Deuteranopia

20.3392, 20.0600, 12.6975



Tritanopia

18.0155, 20.2164, 26.9974

Trichromacy



Original Color

15.0059, 20.1877, 12.3382

Protanomaly

17.1046, 20.0873, 11.5701

Deuteranomaly

17.8055, 19.6655, 12.5302

Tritanomaly

16.7396, 20.0880, 20.7644

Monochromacy



Original Color

15.0059, 20.1877, 12.3382

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

15.9912, 18.4577, 16.3555

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.0059, 20.1877, 12.3382 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(95, 134, 88)` looks like.

```
.text, #text, p{  
    color:rgb(95, 134, 88)  
}
```

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(95, 134, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 134, 88) }
```

Border

The CSS property to change the border of an element to XYZ 15.0059, 20.1877, 12.3382 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(95, 134, 88) }
```


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

```
.border{ border-color:rgb(95, 134, 88) }
```

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

Here you see how a box with a 4 pixel rgb(95, 134, 88) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 134, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 134, 88);  
box-shadow:4px 4px 4px 4px rgb(95, 134,  
88) }
```

Background

The CSS property to change the background color of an element to XYZ 15.0059, 20.1877, 12.3382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 134, 88) }
```

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

```
.background{ background-color: rgb(95, 134,  
88) }
```

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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