

Converting Colors

XYZ(25.0032, 15.8317, 11.6337)

Have a look what the booklet for
XYZ(25.0032, 15.8317, 11.6337)
contains.

XYZ(25.0027, 15.8304, 11.6353)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(25.0027, 15.8304,
11.6353)**

Conversions

Conversions Part 1

Format	Color
Hex	BD455B
RGB	189, 69, 91
RGB Percent	74%, 27%, 36%
CMY	0.2588, 0.7294, 0.6431
CMYK	0.00, 0.63, 0.52, 0.26
HSL	349°, 48%, 51%
HSV	349°, 63%, 74%
XYZ	25.0027, 15.8304, 11.6353
YIQ	107.3880, 64.4580, 32.2820

Conversions

Conversions Part 2

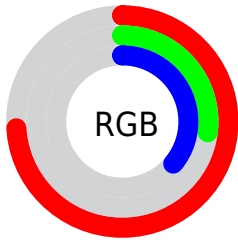
Format	Color
RYB	189, 69, 91
Decimal	12404059
CIELab	46.75, 49.89, 13.28
CIElCh	47, 51.630, 14.909
Yxy	15.8304, 0.4765, 0.3017
Android (android.graphics.Color)	4290594139 (0xFFBD455B)
YUV	107.3880, -8.0793, 71.5737
Hunter-Lab	39.7874, 42.5426, 10.5126

Details

The XYZ color **25.0027, 15.8304, 11.6353** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **27.6280, 40.4508, 42.9141**, and the grayscale version is **14.0928, 14.8268, 16.1463**.

A 20% lighter version of the original color is **50.9576, 36.2287, 29.5064**, and **9.7208, 4.9865, 3.0349** is the 20% darker color. If you saturate the color by 10%, you get **23.4208, 13.6249, 8.1538**, and if you desaturate by 10%, it is **27.0926, 18.8327, 15.9621**.

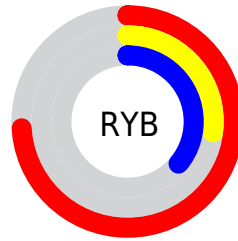
Distribution



Red (74%)

Green (27%)

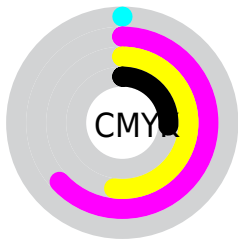
Blue (36%)



Red (74%)

Yellow (27%)

Blue (36%)

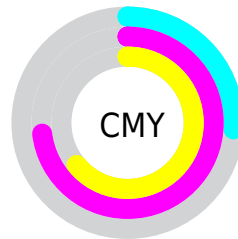


Cyan (0%)

Magenta (63%)

Yellow (52%)

Black (26%)



Cyan (26%)


Magenta (73%)


Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.0027, 15.8304, 11.6353 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 25.0027, 15.8304, 11.6353 by changing the saturation by 10% instead.


 25.0027, 15.8304,
11.6353


 25.0027, 15.8304,
11.6353


270.1988,
228.3389, 212.8672


 16.2078, 9.4042,
6.3763


 51.1045, 36.3035,
29.4835


 9.7631, 5.0058,
3.0028


 69.1420, 51.1193,
42.9098


 5.3032, 2.2506,
1.0961

 90.9912, 69.5003,
59.8957

 2.4628, 0.7474,
0.0000

 117.0174, 91.8310,
80.8597

 0.8766, 0.0000,
0.0000

 147.5859,
118.4959, 106.2203

 0.0000, 0.0000,
0.0000

183.0620,

149.8792, 136.3960

223.8112,
186.3654, 171.8055

■ 25.0027, 15.8304,
11.6353

■ 25.0027, 15.8304,
11.6353

■ 23.4208, 13.6249,
8.1538

■ 27.0926, 18.8327,
15.9621

■ 22.3006, 12.1372,
5.4602

■ 29.7287, 22.6960,
21.1847

■ 21.5892, 11.2763,
3.4904

■ 32.9471, 27.4807,
27.3507

■ 21.2842, 10.9380,
2.5518

■ 36.7803, 33.2412,
34.5039

■ 41.2583, 40.0275,
42.6852

■ 46.4091, 47.8863,
51.9334

■ 52.2593, 56.8614,
62.2851

■ 58.8337, 66.9940,
73.7753

■ 66.1562, 78.3234,
86.4374

Harmonies

Analogous

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



24.9928, 15.8304, 24.4922



25.0027, 15.8304, 11.6353



22.0107, 15.8304, 5.0256

Triad

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



25.0027, 15.8304, 11.6353



9.7463, 15.8304, 5.0014



12.9127, 15.8304, 53.7252

Complementary

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



25.0027, 15.8304, 11.6353



27.6280, 40.4508, 42.9141

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.



9.7319, 15.8304, 41.1859



25.0027, 15.8304, 11.6353



8.1662, 15.8304, 11.5773

Square

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



25.0027, 15.8304, 11.6353



12.9365, 15.8304, 2.6970



8.1616, 15.8304, 24.3970



17.3738, 15.8304, 53.7684

Rectangle

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



25.0027, 15.8304, 11.6353



19.0038, 15.8304, 3.1557



8.1616, 15.8304, 24.3970



11.6804, 15.8304, 50.6338

Sweetspot

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



25.0031, 15.8313, 11.6356



69.0861, 64.3923, 67.6994



27.2504, 16.1469, 49.8243



14.3793, 13.1251, 13.6824



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



25.0031, 15.8313, 11.6356



41.1069, 23.2667, 12.6460



27.3188, 21.7650, 8.3926



9.5997, 9.5642, 10.2809



14.3417, 7.3678, 1.8272



0.5838, 0.2974, 0.1877

Inverse Universe

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



25.0031, 15.8313, 11.6356



41.1069, 23.2667, 12.6460



22.7070, 27.0735, 52.1728



9.5997, 9.5642, 10.2809



14.3417, 7.3678, 1.8272



0.5838, 0.2974, 0.1877

Previews

White Background



This preview shows how the XYZ color 25.0027, 15.8304, 11.6353 looks on a white background.

Color Contrast Check

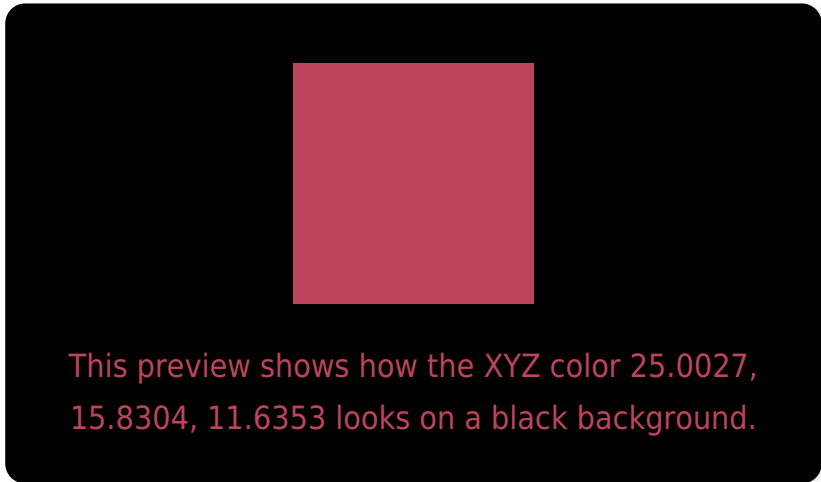
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

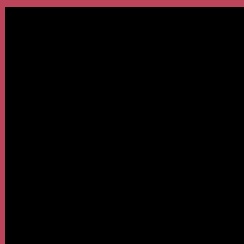
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 25.0027, 15.8304, 11.6353

Background



This preview shows how black text looks on a background with the XYZ color 25.0027, 15.8304, 11.6353.



This preview shows how white text looks on a background with the XYZ color 25.0027, 15.8304,

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

25.0027, 15.8304, 11.6353

Protanopia

15.4191, 16.0494, 17.6144

Deuteranopia

16.2575, 15.9966, 10.8251



Tritanopia

24.3609, 15.8479, 8.6125

Trichromacy



Original Color

25.0027, 15.8304, 11.6353

Protanomaly

17.6661, 15.0279, 15.0663

Deuteranomaly

18.5835, 15.1922, 10.9698

Tritanomaly

24.4775, 15.7919, 9.5426

Monochromacy



Original Color

25.0027, 15.8304, 11.6353

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

16.5798, 14.0867, 14.1571

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.0027, 15.8304, 11.6353 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(189, 69, 91)` looks like.

```
.text, #text, p{  
    color:rgb(189, 69, 91)  
}
```

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(189, 69, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 69, 91) }
```

Border

The CSS property to change the border of an element to XYZ 25.0027, 15.8304, 11.6353 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(189, 69, 91) }
```


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

```
.border{ border-color:rgb(189, 69, 91) }
```

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

Here you see how a box with a 4 pixel rgb(189, 69, 91) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 69, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 69, 91);  
box-shadow:4px 4px 4px 4px rgb(189, 69,  
91) }
```

Background

The CSS property to change the background color of an element to XYZ 25.0027, 15.8304, 11.6353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 69, 91) }
```

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

```
.background{ background-color: rgb(189, 69,  
91) }
```

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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