

Converting Colors

XYZ(23.2463, 13.6055, 4.6497)

Have a look what the booklet for
XYZ(23.2463, 13.6055, 4.6497)
contains.

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Color

**XYZ(23.2463, 13.6055,
4.6497)**

Conversions

Conversions Part 1

Format	Color
Hex	BF3234
RGB	191, 50, 52
RGB Percent	75%, 20%, 20%
CMY	0.2510, 0.8039, 0.7961
CMYK	0.00, 0.74, 0.73, 0.25
HSL	359°, 58%, 47%
HSV	359°, 74%, 75%
XYZ	23.2463, 13.6055, 4.6497
YIQ	92.3870, 83.3940, 30.5140

Conversions

Conversions Part 2

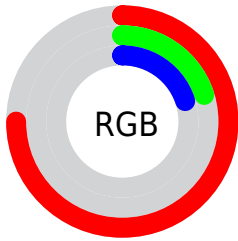
Format	Color
R_{YB}	191, 50, 52
Decimal	12530228
CIE Lab	43.66, 55.52, 32.96
CIE LCh	44, 64.568, 30.693
Yxy	13.6055, 0.5601, 0.3278
Android (android.graphics.Color)	4290720308 (0xFFBF3234)
YUV	92.3870, -19.9108, 86.4836
Hunter-Lab	36.8856, 47.9456, 18.3460

Details

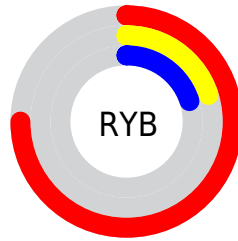
The XYZ color **23.2463, 13.6055, 4.6497** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **29.1329, 41.6143, 54.6463**, and the grayscale version is **10.2941, 10.8302, 11.7940**.

A 20% lighter version of the original color is **48.3829, 32.4871, 15.5250**, and **9.2498, 4.7634, 0.6616** is the 20% darker color. If you saturate the color by 10%, you get **22.2503, 12.1624, 2.6262**, and if you desaturate by 10%, it is **24.7525, 15.7989, 7.6777**.

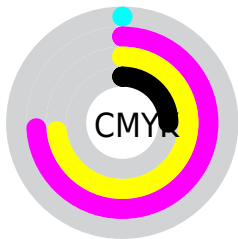
Distribution



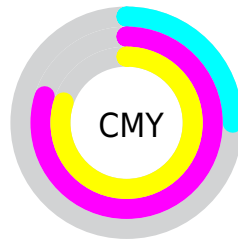
- Red (75%)
- Green (20%)
- Blue (20%)



- Red (75%)
- Yellow (20%)
- Blue (20%)



- Cyan (0%)
- Magenta (74%)
- Yellow (73%)
- Black (25%)





- Cyan (25%)
- Magenta (80%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.2463, 13.6055, 4.6497 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 23.2463, 13.6055, 4.6497 by changing the saturation by 10% instead.


 23.2463, 13.6055,
4.6497


 23.2463, 13.6055,
4.6497


261.4993,
214.7626, 155.1941


 14.8972, 7.8468,
1.9881


 48.2611, 32.3874,
15.4824


 8.8331, 3.9971,
0.5480


 65.6575, 46.1794,
24.4906


 4.6887, 1.6719,
0.0000

 86.8004, 63.4179,
36.4515

 2.0987, 0.4054,
0.0000

 112.0551, 84.4874,
51.7835

 0.6885, 0.0000,
0.0000

 141.7870,
109.7722, 70.9053

 0.0000, 0.0000,
0.0000

 176.3614,

139.6567, 94.2352

216.1437,
174.5254, 122.1920

■ 23.2463, 13.6055,
4.6497

■ 23.2463, 13.6055,
4.6497

■ 22.2503, 12.1624,
2.6262

■ 24.7525, 15.7989,
7.6777

■ 21.6965, 11.3673,
1.4782

■ 26.8238, 18.8227,
11.8168

■ 21.5005, 11.0822,
1.0833

■ 29.5088, 22.7497,
17.1607

■ 32.8509, 27.6438,
23.7931

■ 36.8894, 33.5633,
31.7903

■ 41.6605, 40.5620,
41.2224

■ 47.1981, 48.6897,
52.1550

■ 53.5338, 57.9932,
64.6494

■ 60.6974, 68.5166,
78.7637

Harmonies

Analogous

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



25.3215, 13.6055, 14.4791



23.2463, 13.6055, 4.6497



18.3095, 13.6055, 1.3738

Triad

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



23.2463, 13.6055, 4.6497



6.1617, 13.6055, 4.9250



13.0498, 13.6055, 63.8795

Complementary

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



23.2463, 13.6055, 4.6497



29.1329, 41.6143, 54.6463

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.



8.7257, 13.6055, 54.8846



23.2463, 13.6055, 4.6497



5.4324, 13.6055, 15.1542

Square

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



23.2463, 13.6055, 4.6497



8.5696, 13.6055, 1.4441



6.2338, 13.6055, 34.1033



18.5681, 13.6055, 54.0804

Rectangle

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



23.2463, 13.6055, 4.6497



14.5717, 13.6055, 0.8082



6.2338, 13.6055, 34.1033



11.4195, 13.6055, 62.9169

Sweetspot

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



23.2466, 13.6063, 4.6499



67.2405, 61.8298, 59.2535



31.4444, 16.8177, 50.8788



14.2898, 12.8799, 12.0706



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



23.2466, 13.6063, 4.6499



39.1165, 20.7267, 3.1885



28.5584, 24.3001, 6.2040



9.5355, 9.5385, 9.9429



14.1325, 7.2841, 0.7252



0.5555, 0.2861, 0.0383

Inverse Universe

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



23.2466, 13.6063, 4.6499



39.1165, 20.7267, 3.1885



17.7847, 18.5698, 51.9369



9.5355, 9.5385, 9.9429



14.1325, 7.2841, 0.7252



0.5555, 0.2861, 0.0383

Previews

White Background



This preview shows how the XYZ color 23.2463, 13.6055, 4.6497 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 23.2463, 13.6055, 4.6497 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 23.2463, 13.6055, 4.6497

Background



This preview shows how black text looks on a background with the XYZ color 23.2463, 13.6055, 4.6497.



This preview shows how white text looks on a background with the XYZ color 23.2463, 13.6055,

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

23.2463, 13.6055, 4.6497

Protanopia

12.8659, 13.8535, 7.7902

Deuteranopia

13.9511, 13.7652, 4.2071



Tritanopia

23.2463, 13.6055, 4.6497

Trichromacy



Original Color

23.2463, 13.6055, 4.6497

Protanomaly

15.0520, 12.3622, 6.2955

Deuteranomaly

16.3845, 12.7575, 4.1837

Tritanomaly

23.2463, 13.6055, 4.6497

Monochromacy



Original Color

23.2463, 13.6055, 4.6497

Achromatopsia

10.1725, 10.7023, 11.6548

Achromatomaly

12.8955, 10.4328, 8.3552

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.2463, 13.6055, 4.6497 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(191, 50, 52)` looks like.

```
.text, #text, p{  
    color:rgb(191, 50, 52)  
}
```

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(191, 50, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 50, 52) }
```

Border

The CSS property to change the border of an element to XYZ 23.2463, 13.6055, 4.6497 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(191, 50, 52) }
```


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

```
.border{ border-color:rgb(191, 50, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 50, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 50, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 50, 52);  
box-shadow:4px 4px 4px 4px rgb(191, 50,  
52) }
```

Background

The CSS property to change the background color of an element to XYZ 23.2463, 13.6055, 4.6497 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 50, 52) }
```

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

```
.background{ background-color: rgb(191, 50,  
52) }
```

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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