

Converting Colors

XYZ(23.1207, 16.5036, 11.2120)

Have a look what the booklet for
XYZ(23.1207, 16.5036, 11.2120)
contains.

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Color

**XYZ(23.1414, 16.5487,
11.2070)**

Conversions

Conversions Part 1

Format	Color
Hex	B15558
RGB	177, 85, 88
RGB Percent	69%, 33%, 35%
CMY	0.3059, 0.6666, 0.6549
CMYK	0.00, 0.52, 0.50, 0.31
HSL	358°, 37%, 51%
HSV	358°, 52%, 69%
XYZ	23.1414, 16.5487, 11.2070
YIQ	112.8500, 53.8690, 20.4370

Conversions

Conversions Part 2

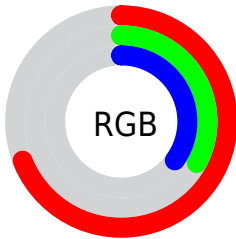
Format	Color
R_{YB}	177, 85, 88
Decimal	11621720
CIE _{Lab}	47.69, 37.71, 16.08
CIE _{LCh}	48, 40.989, 23.090
Yxy	16.5487, 0.4547, 0.3251
Android (android.graphics.Color)	4289811800 (0xFFB15558)
YUV	112.8500, -12.2510, 56.2596
Hunter-Lab	40.6801, 30.3519, 12.1422

Details

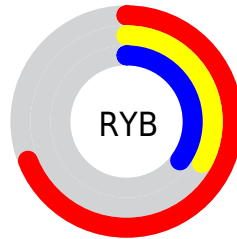
The XYZ color **23.1414, 16.5487, 11.2070** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **27.1094, 36.4319, 45.6502**, and the grayscale version is **15.6761, 16.4924, 17.9603**.

A 20% lighter version of the original color is **48.1252, 37.5592, 28.7579**, and **8.7538, 5.3115, 2.8494** is the 20% darker color. If you saturate the color by 10%, you get **21.2902, 13.8512, 7.4919**, and if you desaturate by 10%, it is **25.5086, 20.0116, 15.9163**.

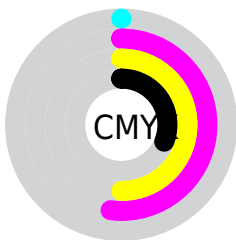
Distribution



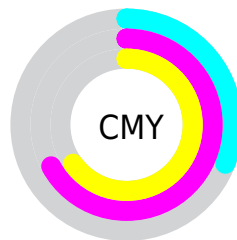
- Red (69%)
- Green (33%)
- Blue (35%)



- Red (69%)
- Yellow (33%)
- Blue (35%)



- Cyan (0%)
- Magenta (52%)
- Yellow (50%)
- Black (31%)





- Cyan (31%)
- Magenta (67%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 23.1414, 16.5487, 11.2070 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 23.1414, 16.5487, 11.2070 by changing the saturation by 10% instead.


 23.1414, 16.5487,
11.2070


 23.1414, 16.5487,
11.2070


260.9722,
232.5581, 209.8704


 14.8192, 9.9133,
6.0903


 48.0904, 37.5482,
28.6848


 8.7781, 5.3415,
2.8304


 65.4478, 52.6810,
41.8830


 4.6527, 2.4490,
1.0087

 86.5478, 71.4151,
58.6121

 2.0776, 0.8509,
0.0000

 111.7556, 94.1348,
79.2907

 0.6770, 0.0000,
0.0000

 141.4366,
121.2246, 104.3373

 0.0000, 0.0000,
0.0000

175.9561,

153.0688, 134.1704

215.6795,
190.0518, 169.2086

■ 23.1414, 16.5487,
11.2070

■ 23.1414, 16.5487,
11.2070

■ 21.2902, 13.8512,
7.4919

■ 25.5086, 20.0116,
15.9163

■ 19.9153, 11.8587,
4.6990

■ 28.4250, 24.2891,
21.6831

■ 18.9735, 10.5063,
2.7478

■ 31.9225, 29.4293,
28.5667

■ 18.4131, 9.7155,
1.5438

■ 36.0301, 35.4760,
36.6215

■ 18.1630, 9.3597,
1.0148

■ 40.7750, 42.4697,
45.8985

■ 46.1828, 50.4487,
56.4456

■ 52.2775, 59.4492,
68.3082

■ 59.0820, 69.5054,
81.5294

■ 66.6183, 80.6501,
96.1504

Harmonies

Analogous

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



23.8117, 16.5487, 20.5569



23.1414, 16.5487, 11.2070



20.3512, 16.5487, 6.2208

Triad

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



23.1414, 16.5487, 11.2070



10.7412, 16.5487, 8.4140



14.8965, 16.5487, 46.3914

Complementary

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



23.1414, 16.5487, 11.2070



27.1094, 36.4319, 45.6502

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.



11.8657, 16.5487, 39.4482



23.1414, 16.5487, 11.2070



9.7200, 16.5487, 15.6986

Square

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



23.1414, 16.5487, 11.2070



13.1244, 16.5487, 5.1010



10.0972, 16.5487, 27.1476



18.6573, 16.5487, 43.6844

Rectangle

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



23.1414, 16.5487, 11.2070



17.8687, 16.5487, 4.7868



10.0972, 16.5487, 27.1476



13.7674, 16.5487, 45.0411

Sweetspot

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



23.1418, 16.5496, 11.2073



61.2291, 58.6770, 59.1231



28.6254, 18.6632, 43.6884



12.9522, 12.2494, 12.1909



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



23.1418, 16.5496, 11.2073



37.8230, 24.3608, 12.7976



27.4822, 25.4248, 12.0545



8.5072, 8.5096, 8.9033



13.1642, 6.7832, 0.7585



0.4179, 0.2149, 0.0433

Inverse Universe

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



23.1418, 16.5496, 11.2073



37.8230, 24.3608, 12.7976



20.2173, 22.1752, 44.8095



8.5072, 8.5096, 8.9033



13.1642, 6.7832, 0.7585



0.4179, 0.2149, 0.0433

Previews

White Background



This preview shows how the XYZ color 23.1414, 16.5487, 11.2070 looks on a white background.

Color Contrast Check

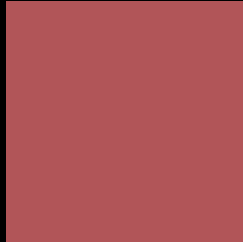
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.1414, 16.5487, 11.2070 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 23.1414, 16.5487, 11.2070

Background



This preview shows how black text looks on a background with the XYZ color 23.1414, 16.5487, 11.2070.

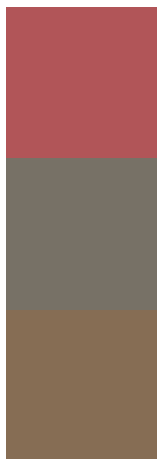


This preview shows how white text looks on a background with the XYZ color 23.1414, 16.5487,

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

23.1414, 16.5487, 11.2070

Protanopia

15.9111, 16.6915, 14.9535

Deuteranopia

16.9004, 16.6457, 10.7097



Tritanopia

23.2254, 16.5823, 11.6494

Trichromacy



Original Color

23.1414, 16.5487, 11.2070

Protanomaly

17.8231, 16.1390, 13.4850

Deuteranomaly

18.7745, 16.2543, 10.7422

Tritanomaly

23.1831, 16.5654, 11.4267

Monochromacy



Original Color

23.1414, 16.5487, 11.2070

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

17.5023, 15.9342, 15.2498

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.1414, 16.5487, 11.2070 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(177, 85, 88)` looks like.

```
.text, #text, p{  
    color:rgb(177, 85, 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(177, 85, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 85, 88) }
```

Border

The CSS property to change the border of an element to XYZ 23.1414, 16.5487, 11.2070 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(177, 85, 88) }
```


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

```
.border{ border-color:rgb(177, 85, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 85, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 85, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 85, 88);  
box-shadow:4px 4px 4px 4px rgb(177, 85,  
88) }
```

Background

The CSS property to change the background color of an element to XYZ 23.1414, 16.5487, 11.2070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 85, 88) }
```

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

```
.background{ background-color: rgb(177, 85,  
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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