

Converting Colors

XYZ(23.5362, 15.5639, 12.7397)

Have a look what the booklet for
XYZ(23.5362, 15.5639, 12.7397)
contains.

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Color

**XYZ(23.6162, 15.5658,
12.8261)**

Conversions

Conversions Part 1

Format	Color
Hex	B54A60
RGB	181, 74, 96
RGB Percent	71%, 29%, 38%
CMY	0.2902, 0.7098, 0.6235
CMYK	0.00, 0.59, 0.47, 0.29
HSL	348°, 42%, 50%
HSV	348°, 59%, 71%
XYZ	23.6162, 15.5658, 12.8261
YIQ	108.5010, 56.7100, 29.5260

Conversions

Conversions Part 2

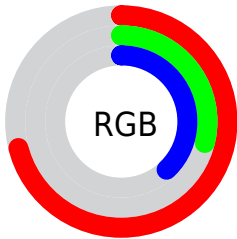
Format	Color
R_{YB}	181, 74, 96
Decimal	11881056
CIE _{Lab}	46.40, 45.37, 9.54
CIE _{LCh}	46, 46.365, 11.879
Yxy	15.5658, 0.4541, 0.2993
Android (android.graphics.Color)	4290071136 (0xFFB54A60)
YUV	108.5010, -6.1630, 63.5816
Hunter-Lab	39.4535, 37.8034, 8.3426

Details

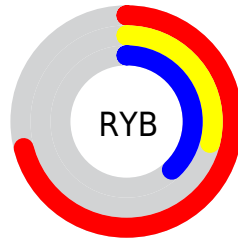
The XYZ color **23.6162, 15.5658, 12.8261** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **25.6069, 37.0073, 38.5968**, and the grayscale version is **14.4009, 15.1508, 16.4993**.

A 20% lighter version of the original color is **48.7129, 35.7793, 31.5328**, and **9.0884, 4.9163, 3.4875** is the 20% darker color. If you saturate the color by 10%, you get **21.9743, 13.2464, 9.3059**, and if you desaturate by 10%, it is **25.7276, 18.6305, 17.1005**.

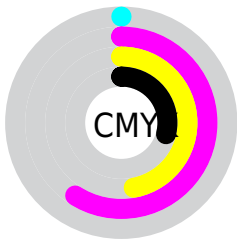
Distribution



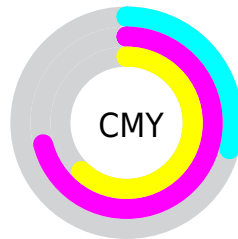
- Red (71%)
- Green (29%)
- Blue (38%)



- Red (71%)
- Yellow (29%)
- Blue (38%)



- Cyan (0%)
- Magenta (59%)
- Yellow (47%)
- Black (29%)





- Cyan (29%)
- Magenta (71%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.6162, 15.5658, 12.8261 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 23.6162, 15.5658, 12.8261 by changing the saturation by 10% instead.


 23.6162, 15.5658,
12.8261


 23.6162, 15.5658,
12.8261


263.3510,
226.7658, 220.9687


 15.1724, 9.2174,
7.1796


 48.8624, 35.8428,
31.6776


 9.0275, 4.8833,
3.4945


 66.3955, 50.5401,
45.7197


 4.8164, 2.1789,
1.3524

 87.6890, 68.7893,
63.3974

 2.1736, 0.7085,
0.1041

 113.1084, 90.9746,
85.1292

 0.7288, 0.0000,
0.0000

 143.0189,
117.4806, 111.3337

 0.0000, 0.0000,
0.0000

177.7859,

148.6915, 142.4294

217.7748,
184.9917, 178.8349

■ 23.6162, 15.5658,
12.8261

■ 23.6162, 15.5658,
12.8261

■ 21.9743, 13.2464,
9.3059

■ 25.7276, 18.6305,
17.1005

■ 20.7634, 11.6058,
6.4941

■ 28.3405, 22.4946,
22.1696

■ 19.9405, 10.5695,
4.3408

■ 31.4855, 27.2101,
28.0716

■ 19.4312, 10.0017,
2.7813

■ 35.1903, 32.8239,
34.8424

■ 19.3933, 9.9587,
2.6675

■ 39.4805, 39.3794,
42.5154

■ 44.3804, 46.9172,
51.1223

■ 49.9128, 55.4754,
60.6934

■ 56.0991, 65.0904,
71.2574

■ 62.9601, 75.7965,
82.8420

Harmonies

Analogous

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



23.3230, 15.5658, 24.7179



23.6162, 15.5658, 12.8261



21.2540, 15.5658, 6.1254

Triad

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



23.6162, 15.5658, 12.8261



10.2524, 15.5658, 5.3087



12.5405, 15.5658, 47.4686

Complementary

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



23.6162, 15.5658, 12.8261



25.6069, 37.0073, 38.5968

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.



9.7980, 15.5658, 36.1884



23.6162, 15.5658, 12.8261



8.6494, 15.5658, 11.0060

Square

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



23.6162, 15.5658, 12.8261



13.2750, 15.5658, 3.2774



8.4995, 15.5658, 21.8713



16.4264, 15.5658, 48.7060

Rectangle

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



23.6162, 15.5658, 12.8261



18.7020, 15.5658, 4.0376



8.4995, 15.5658, 21.8713



11.4737, 15.5658, 44.5505

Sweetspot

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



23.6166, 15.5666, 12.8264



63.6093, 59.6765, 63.4571



24.8545, 15.4852, 45.3951



13.3083, 12.2290, 12.9192



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



23.6166, 15.5666, 12.8264



38.6101, 22.6973, 14.9880



25.2750, 20.2836, 9.0626



8.5655, 8.5329, 9.2101



13.3902, 6.8736, 1.9488



0.4421, 0.2246, 0.1706

Inverse Universe

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



23.6166, 15.5666, 12.8264



38.6101, 22.6973, 14.9880



22.1810, 26.8243, 47.7247



8.5655, 8.5329, 9.2101



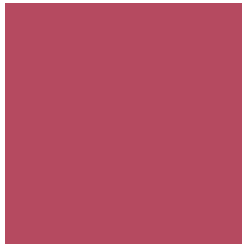
13.3902, 6.8736, 1.9488



0.4421, 0.2246, 0.1706

Previews

White Background



This preview shows how the XYZ color 23.6162, 15.5658, 12.8261 looks on a white background.

Color Contrast Check

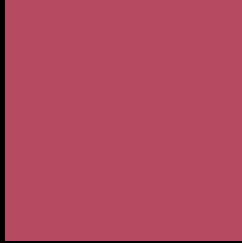
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.6162, 15.5658, 12.8261 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

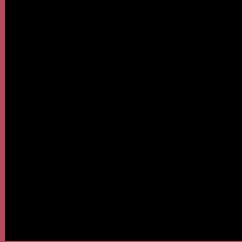
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 23.6162, 15.5658, 12.8261

Background



This preview shows how black text looks on a background with the XYZ color 23.6162, 15.5658, 12.8261.



This preview shows how white text looks on a background with the XYZ color 23.6162, 15.5658,

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

23.6162, 15.5658, 12.8261

Protanopia

15.2260, 15.7692, 18.4609

Deuteranopia

15.9444, 15.6526, 12.0784



Tritanopia

22.9993, 15.6202, 9.7855

Trichromacy



Original Color

23.6162, 15.5658, 12.8261

Protanomaly

17.1348, 14.8663, 16.1537

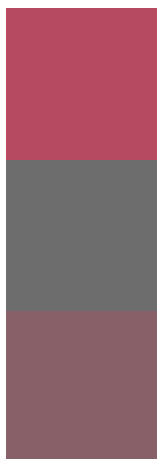
Deuteranomaly

18.0111, 14.9988, 12.3017

Tritanomaly

23.1271, 15.5603, 10.8013

Monochromacy



Original Color

23.6162, 15.5658, 12.8261

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

16.6732, 14.5161, 15.0198

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.6162, 15.5658, 12.8261 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(181, 74, 96)` looks like.

```
.text, #text, p{  
  color:rgb(181, 74, 96)  
}
```

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(181, 74, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 74, 96) }
```

Border

The CSS property to change the border of an element to XYZ 23.6162, 15.5658, 12.8261 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(181, 74, 96) }
```


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

```
.border{ border-color:rgb(181, 74, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 74, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 74, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 74, 96);  
box-shadow:4px 4px 4px 4px rgb(181, 74,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 23.6162, 15.5658, 12.8261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 74, 96) }
```

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

```
.background{ background-color: rgb(181, 74,  
96) }
```

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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