

Converting Colors

XYZ(23.2810, 15.3688, 10.3338)

Have a look what the booklet for
XYZ(23.2810, 15.3688, 10.3338)
contains.

XYZ(23.3136, 15.3660, 10.3315)	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(23.3136, 15.3660,
10.3315)**

Conversions

Conversions Part 1

Format	Color
Hex	B64955
RGB	182, 73, 85
RGB Percent	71%, 29%, 33%
CMY	0.2863, 0.7137, 0.6667
CMYK	0.00, 0.60, 0.53, 0.29
HSL	353°, 43%, 50%
HSV	353°, 60%, 71%
XYZ	23.3136, 15.3660, 10.3315
YIQ	106.9590, 61.1120, 26.8400

Conversions

Conversions Part 2

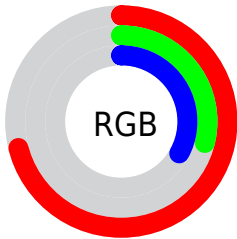
Format	Color
R_{YB}	182, 73, 85
Decimal	11946325
CIE _{Lab}	46.13, 45.18, 15.90
CIE _{LCh}	46, 47.896, 19.390
Yxy	15.3660, 0.4757, 0.3135
Android (android.graphics.Color)	4290136405 (0xFFB64955)
YUV	106.9590, -10.8258, 65.8110
Hunter-Lab	39.1995, 37.5624, 11.8130

Details

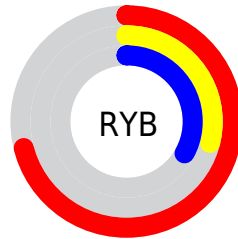
The XYZ color **23.3136, 15.3660, 10.3315** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **26.7322, 37.7749, 43.9152**, and the grayscale version is **13.9815, 14.7096, 16.0188**.

A 20% lighter version of the original color is **48.3819, 35.5202, 26.8603**, and **8.8805, 4.8089, 2.4676** is the 20% darker color. If you saturate the color by 10%, you get **21.7164, 13.0863, 6.9796**, and if you desaturate by 10%, it is **25.4087, 18.4060, 14.5763**.

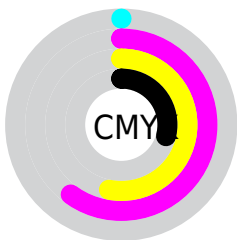
Distribution



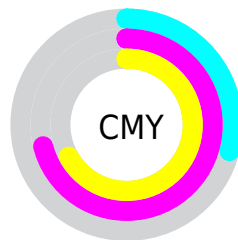
- Red (71%)
- Green (29%)
- Blue (33%)



- Red (71%)
- Yellow (29%)
- Blue (33%)



- Cyan (0%)
- Magenta (60%)
- Yellow (53%)
- Black (29%)





- Cyan (29%)
- Magenta (71%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.3136, 15.3660, 10.3315 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 23.3136, 15.3660, 10.3315 by changing the saturation by 10% instead.


 23.3136, 15.3660,
10.3315


 23.3136, 15.3660,
10.3315


261.8370,
225.5710, 203.5920


 14.9472, 9.0767,
5.5108


 48.3706, 35.4940,
27.0347


 8.8684, 4.7912,
2.4861


 65.7920, 50.1014,
39.7543


 4.7119, 2.1253,
0.8328

 86.9623, 68.2503,
55.9439

 2.1122, 0.6788,
0.0000

 112.2471, 90.3251,
76.0222

 0.6958, 0.0000,
0.0000

 142.0116,
116.7102, 100.4076

 0.0000, 0.0000,
0.0000

176.6211,

147.7899, 129.5186

216.4412,
183.9487, 163.7739

■ 23.3136, 15.3660,
10.3315

■ 23.3136, 15.3660,
10.3315

■ 21.7164, 13.0863,
6.9796

■ 25.4087, 18.4060,
14.5763

■ 20.5743, 11.4972,
4.4557

■ 28.0375, 22.2629,
19.7710

■ 19.8390, 10.5208,
2.6871

■ 31.2339, 26.9907,
25.9689

■ 19.4217, 10.0008,
1.5785

■ 35.0284, 32.6383,
33.2188

■ 19.4178, 9.9956,
1.5691

■ 39.4495, 39.2508,
41.5667

■ 44.5240, 46.8704,
51.0556

■ 50.2767, 55.5367,
61.7263

■ 56.7317, 65.2873,
73.6174

■ 63.9113, 76.1579,
86.7661

Harmonies

Analogous

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



23.7403, 15.3660, 21.2124



23.3136, 15.3660, 10.3315



20.3222, 15.3660, 4.8225

Triad

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



23.3136, 15.3660, 10.3315



9.4272, 15.3660, 5.9622



13.2092, 15.3660, 49.9032

Complementary

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



23.3136, 15.3660, 10.3315



26.7322, 37.7749, 43.9152

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.



10.0751, 15.3660, 40.2052



23.3136, 15.3660, 10.3315



8.1774, 15.3660, 12.9298

Square

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



23.3136, 15.3660, 10.3315



12.1548, 15.3660, 3.2349



8.3902, 15.3660, 25.3424



17.3640, 15.3660, 48.0831

Rectangle

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



23.3136, 15.3660, 10.3315



17.5405, 15.3660, 3.2898



8.3902, 15.3660, 25.3424



12.0166, 15.3660, 47.7537

Sweetspot

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



23.3140, 15.3668, 10.3318



64.6976, 60.9513, 62.4855



27.2495, 16.6097, 46.0255



13.8109, 12.7477, 12.8920



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



23.3140, 15.3668, 10.3318



38.5943, 22.6329, 10.9688



26.6006, 22.6391, 9.2722



9.0437, 9.0279, 9.5777



13.7255, 7.0639, 1.1752



0.4972, 0.2543, 0.1115

Inverse Universe

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



23.3140, 15.3668, 10.3318



38.5943, 22.6329, 10.9688



20.6017, 23.6143, 47.7279



9.0437, 9.0279, 9.5777



13.7255, 7.0639, 1.1752



0.4972, 0.2543, 0.1115

Previews

White Background



This preview shows how the XYZ color 23.3136, 15.3660, 10.3315 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 23.3136, 15.3660, 10.3315 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 23.3136, 15.3660, 10.3315

Background



This preview shows how black text looks on a background with the XYZ color 23.3136, 15.3660, 10.3315.

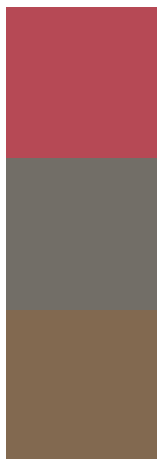


This preview shows how white text looks on a background with the XYZ color 23.3136, 15.3660,

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

23.3136, 15.3660, 10.3315

Protanopia

14.9635, 15.7085, 15.0754

Deuteranopia

15.7055, 15.4282, 9.7396



Tritanopia

23.1515, 15.4072, 9.1508

Trichromacy



Original Color

23.3136, 15.3660, 10.3315

Protanomaly

17.0335, 14.8829, 13.0413

Deuteranomaly

17.8318, 14.8275, 9.9048

Tritanomaly

23.2254, 15.4367, 9.5401

Monochromacy



Original Color

23.3136, 15.3660, 10.3315

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

16.1759, 14.1536, 13.6837

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.3136, 15.3660, 10.3315 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(182, 73, 85)` looks like.

```
.text, #text, p{  
    color:rgb(182, 73, 85)  
}
```

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(182, 73, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 73, 85) }
```

Border

The CSS property to change the border of an element to XYZ 23.3136, 15.3660, 10.3315 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(182, 73, 85) }
```


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

```
.border{ border-color:rgb(182, 73, 85) }
```

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

Here you see how a box with a 4 pixel rgb(182, 73, 85) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 73, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 73, 85);  
box-shadow:4px 4px 4px 4px rgb(182, 73,  
85) }
```

Background

The CSS property to change the background color of an element to XYZ 23.3136, 15.3660, 10.3315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 73, 85) }
```

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

```
.background{ background-color: rgb(182, 73,  
85) }
```

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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