

Converting Colors

XYZ(23.1728, 17.3947, 9.4110)

Have a look what the booklet for
XYZ(23.1728, 17.3947, 9.4110)
contains.

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Color

**XYZ(23.0207, 17.2623,
9.3264)**

Conversions

Conversions Part 1

Format	Color
Hex	B05B4E
RGB	176, 91, 78
RGB Percent	69%, 36%, 31%
CMY	0.3098, 0.6431, 0.6941
CMYK	0.00, 0.48, 0.56, 0.31
HSL	8°, 39%, 50%
HSV	8°, 56%, 69%
XYZ	23.0207, 17.2623, 9.3264
YIQ	114.9330, 54.8330, 13.9770

Conversions

Conversions Part 2

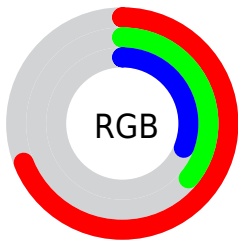
Format	Color
R_{YB}	176, 93, 78
Decimal	11557710
CIE Lab	48.59, 33.27, 23.20
CIE LCh	49, 40.560, 34.886
Yxy	17.2623, 0.4640, 0.3480
Android (android.graphics.Color)	4289747790 (0xFFB05B4E)
YUV	114.9330, -18.2080, 53.5558
Hunter-Lab	41.5479, 26.1937, 15.7745

Details

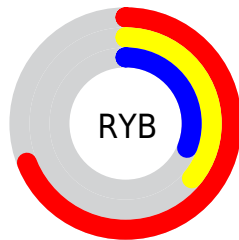
The XYZ color **23.0207, 17.2623, 9.3264** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **24.0748, 30.9471, 45.7786**, and the grayscale version is **16.3176, 17.1674, 18.6953**.

A 20% lighter version of the original color is **47.9142, 38.8394, 25.0501**, and **8.7102, 5.6877, 2.0776** is the 20% darker color. If you saturate the color by 10%, you get **21.2973, 14.6938, 6.0445**, and if you desaturate by 10%, it is **25.1793, 20.4310, 13.5868**.

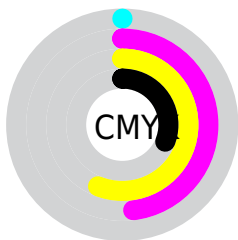
Distribution



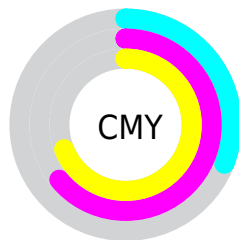
- Red (69%)
- Green (36%)
- Blue (31%)



- Red (69%)
- Yellow (36%)
- Blue (31%)



- Cyan (0%)
- Magenta (48%)
- Yellow (56%)
- Black (31%)





- Cyan (31%)
- Magenta (64%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 23.0207, 17.2623, 9.3264 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 23.0207, 17.2623, 9.3264 by changing the saturation by 10% instead.


 23.0207, 17.2623,
9.3264


 23.0207, 17.2623,
9.3264


260.3646,
236.6794, 196.1013


 14.7296, 10.4217,
4.8550


 47.8937, 38.7762,
25.1083


 8.7149, 5.6794,
2.1052


 65.2063, 54.2183,
37.2558


 4.6113, 2.6512,
0.6188

 86.2568, 73.2963,
52.7991

 2.0534, 0.9524,
0.0000

 111.4105, 96.3947,
72.1568

 0.6637, 0.0000,
0.0000

 141.0328,
123.8978, 95.7473

 0.0000, 0.0000,
0.0000

175.4890,

156.1900, 123.9892

215.1445,
193.6558, 157.3010

■ 23.0207, 17.2623,
9.3264

■ 23.0207, 17.2623,
9.3264

■ 21.2973, 14.6938,
6.0445

■ 25.1793, 20.4310,
13.5868

■ 19.9777, 12.6849,
3.6619

■ 27.7988, 24.2318,
18.8942

■ 19.0285, 11.1941,
2.0889

■ 30.9047, 28.6975,
25.3124

■ 18.4090, 10.1726,
1.2115

■ 34.5200, 33.8579,
32.8995

■ 18.2179, 9.8570,
0.9424

■ 38.6662, 39.7409,
41.7096

■ 43.3638, 46.3730,
51.7937

■ 48.6320, 53.7792,
63.1995

■ 54.4891, 61.9835,
75.9725

■ 60.9526, 71.0087,
90.1559

Harmonies

Analogous

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



24.6397, 17.2623, 17.1002



23.0207, 17.2623, 9.3264



19.6429, 17.2623, 5.6583

Triad

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



23.0207, 17.2623, 9.3264



10.7330, 17.2623, 11.3572



17.0257, 17.2623, 47.5829

Complementary

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



23.0207, 17.2623, 9.3264



24.0748, 30.9471, 45.7786

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.



13.5480, 17.2623, 44.1987



23.0207, 17.2623, 9.3264



10.2492, 17.2623, 20.5998

Square

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



23.0207, 17.2623, 9.3264



12.6381, 17.2623, 6.4810



11.1999, 17.2623, 33.1589



20.8600, 17.2623, 41.1770

Rectangle

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



23.0207, 17.2623, 9.3264



17.0549, 17.2623, 4.8634



11.1999, 17.2623, 33.1589



15.7763, 17.2623, 47.5697

Sweetspot

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



23.0211, 17.2632, 9.3267



61.4841, 59.8070, 57.2969



27.3810, 17.3798, 37.3023



13.0387, 12.5537, 11.8153



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.



23.0211, 17.2632, 9.3267



37.9638, 25.6497, 9.7392



28.4304, 28.0817, 11.1298



8.5843, 8.6811, 8.8757



13.3924, 7.2834, 0.7000



0.4501, 0.2865, 0.0316

Inverse Universe

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



24.0748, 30.9471, 45.7786



39.9962, 52.8587, 82.5900



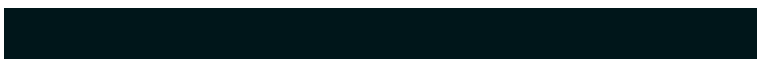
17.1740, 17.1455, 43.4783



8.6446, 9.4354, 10.8719



14.0959, 18.9922, 33.0599



0.4700, 0.6506, 1.0490

Previews

White Background



This preview shows how the XYZ color 23.0207, 17.2623, 9.3264 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 23.0207, 17.2623, 9.3264 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

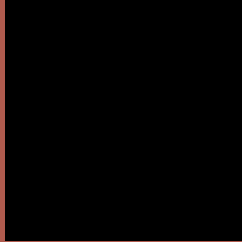
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 23.0207, 17.2623, 9.3264

Background



This preview shows how black text looks on a background with the XYZ color 23.0207, 17.2623, 9.3264.



This preview shows how white text looks on a background with the XYZ color 23.0207, 17.2623,

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

23.0207, 17.2623, 9.3264

Protanopia

16.3607, 17.4971, 11.9662

Deuteranopia

17.7357, 17.4387, 8.9098



Tritanopia

23.7694, 17.3181, 12.9164

Trichromacy



Original Color

23.0207, 17.2623, 9.3264

Protanomaly

18.2251, 17.0109, 10.9172

Deuteranomaly

19.3572, 17.1809, 8.9526

Tritanomaly

23.5908, 17.3807, 11.5626

Monochromacy



Original Color

23.0207, 17.2623, 9.3264

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

17.8688, 16.5857, 14.8300

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.0207, 17.2623, 9.3264 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(176, 91, 78)` looks like.

```
.text, #text, p{  
    color:rgb(176, 91, 78)  
}
```

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(176, 91, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 91, 78) }
```

Border

The CSS property to change the border of an element to XYZ 23.0207, 17.2623, 9.3264 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(176, 91, 78) }
```


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

```
.border{ border-color:rgb(176, 91, 78) }
```

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

Here you see how a box with a 4 pixel rgb(176, 91, 78) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 91, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 91, 78);  
box-shadow:4px 4px 4px 4px rgb(176, 91,  
78) }
```

Background

The CSS property to change the background color of an element to XYZ 23.0207, 17.2623, 9.3264 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 91, 78) }
```

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

```
.background{ background-color: rgb(176, 91,  
78) }
```

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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