

Converting Colors

XYZ(23.9413, 17.0882, 12.5797)

Have a look what the booklet for
XYZ(23.9413, 17.0882, 12.5797)
contains.

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Color

**XYZ(23.9386, 17.0474,
12.6185)**

Conversions

Conversions Part 1

Format	Color
Hex	B3565E
RGB	179, 86, 94
RGB Percent	70%, 34%, 37%
CMY	0.2980, 0.6627, 0.6314
CMYK	0.00, 0.52, 0.47, 0.30
HSL	355°, 38%, 52%
HSV	355°, 52%, 70%
XYZ	23.9386, 17.0474, 12.6185
YIQ	114.7190, 52.8600, 22.2040

Conversions

Conversions Part 2

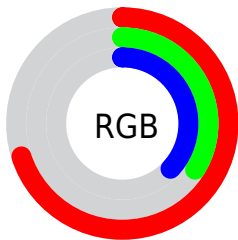
Format	Color
R_{YB}	179, 86, 94
Decimal	11753054
CIE Lab	48.32, 38.52, 13.39
CIE LCh	48, 40.780, 19.164
Yxy	17.0474, 0.4466, 0.3180
Android (android.graphics.Color)	4289943134 (0xFFB3565E)
YUV	114.7190, -10.2145, 56.3744
Hunter-Lab	41.2885, 31.2374, 10.7819

Details

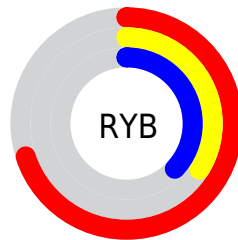
The XYZ color **23.9386, 17.0474, 12.6185** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **27.3094, 37.1593, 44.2634**, and the grayscale version is **16.2298, 17.0751, 18.5947**.

A 20% lighter version of the original color is **49.3824, 38.3677, 31.1885**, and **9.1606, 5.5530, 3.3853** is the 20% darker color. If you saturate the color by 10%, you get **22.0262, 14.2756, 8.7348**, and if you desaturate by 10%, it is **26.3654, 20.5990, 17.4417**.

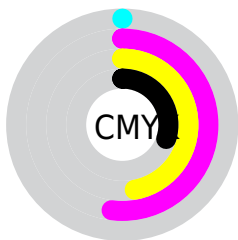
Distribution



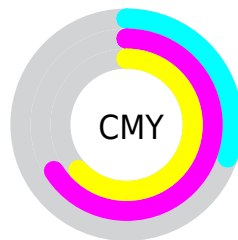
- Red (70%)
- Green (34%)
- Blue (37%)



- Red (70%)
- Yellow (34%)
- Blue (37%)



- Cyan (0%)
- Magenta (52%)
- Yellow (47%)
- Black (30%)



- Cyan (30%)
- Magenta (66%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.9386, 17.0474, 12.6185 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 23.9386, 17.0474, 12.6185 by changing the saturation by 10% instead.

■ 23.9386, 17.0474,
12.6185

■ 23.9386, 17.0474,
12.6185

264.9562,
235.4454, 219.5793

■ 15.4126, 10.2683,
7.0388

■ 49.3854, 38.4073,
31.2978

■ 9.1976, 5.5772,
3.4075

■ 67.0369, 53.7568,
45.2343

■ 4.9285, 2.5897,
1.3063

■ 88.4609, 72.7319,
62.7936

■ 2.2397, 0.9215,
0.0669

■ 114.0227, 95.7171,
84.3941

■ 0.7635, 0.0000,
0.0000

■ 144.0878,
123.0966, 110.4544

■ 0.0000, 0.0000,
0.0000

179.0215,

155.2549, 141.3930

219.1892,
192.5763, 177.6284

■ 23.9386, 17.0474,
12.6185

■ 23.9386, 17.0474,
12.6185

■ 22.0262, 14.2756,
8.7348

■ 26.3654, 20.5990,
17.4417

■ 20.5896, 12.2224,
5.7283

■ 29.3388, 24.9801,
23.2594

■ 19.5873, 10.8221,
3.5309

■ 32.8898, 30.2396,
30.1232

■ 18.9693, 9.9953,
2.0634

■ 37.0467, 36.4216,
38.0811

■ 18.6794, 9.6193,
1.3389

■ 41.8362, 43.5676,
47.1780

■ 47.2830, 51.7162,
57.4562

■ 53.4108, 60.9041,
68.9561

■ 60.2420, 71.1662,
81.7159

■ 67.7979, 82.5354,
95.7723

Harmonies

Analogous

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



24.2889, 17.0474, 22.6837



23.9386, 17.0474, 12.6185



21.3425, 17.0474, 6.9797

Triad

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



23.9386, 17.0474, 12.6185



11.3732, 17.0474, 8.1335



14.8957, 17.0474, 46.8119

Complementary

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



23.9386, 17.0474, 12.6185



27.3094, 37.1593, 44.2634

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.



11.9630, 17.0474, 38.7643



23.9386, 17.0474, 12.6185



10.1462, 17.0474, 14.9721

Square

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



23.9386, 17.0474, 12.6185



13.9674, 17.0474, 5.1601



10.3442, 17.0474, 26.1278



18.6653, 17.0474, 45.4003

Rectangle

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



23.9386, 17.0474, 12.6185



18.8816, 17.0474, 5.2477



10.3442, 17.0474, 26.1278



13.7906, 17.0474, 45.0303

Sweetspot

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



23.9390, 17.0483, 12.6188



62.9988, 60.2419, 61.8027



27.9778, 18.4238, 44.7294



13.6242, 12.8512, 13.0544



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.



23.9390, 17.0483, 12.6188



39.1263, 25.1038, 14.9797



27.3785, 24.4721, 12.0858



8.5250, 8.5167, 8.9973



13.2105, 6.8018, 1.0026



0.4254, 0.2179, 0.0826

Inverse Universe

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



23.9390, 17.0483, 12.6188



39.1263, 25.1038, 14.9797



21.6185, 24.5205, 46.2413



8.5250, 8.5167, 8.9973



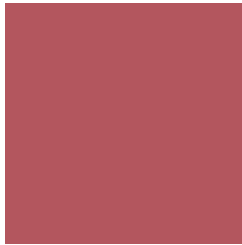
13.2105, 6.8018, 1.0026



0.4254, 0.2179, 0.0826

Previews

White Background



This preview shows how the XYZ color 23.9386, 17.0474, 12.6185 looks on a white background.

Color Contrast Check

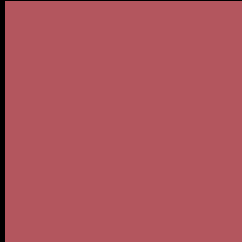
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.9386, 17.0474, 12.6185 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 23.9386, 17.0474, 12.6185

Background



This preview shows how black text looks on a background with the XYZ color 23.9386, 17.0474, 12.6185.

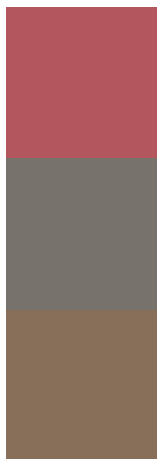


This preview shows how white text looks on a background with the XYZ color 23.9386, 17.0474,

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

23.9386, 17.0474, 12.6185

Protanopia

16.4453, 17.2661, 16.6533

Deuteranopia

17.5216, 17.2580, 12.0805



Tritanopia

23.8500, 17.0120, 12.1518

Trichromacy



Original Color

23.9386, 17.0474, 12.6185

Protanomaly

18.3830, 16.5426, 15.0561

Deuteranomaly

19.4022, 16.8374, 12.1249

Tritanomaly

23.8940, 17.0296, 12.3836

Monochromacy



Original Color

23.9386, 17.0474, 12.6185

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

18.0854, 16.3654, 16.1156

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.9386, 17.0474, 12.6185 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(179, 86, 94)` looks like.

```
.text, #text, p{  
    color:rgb(179, 86, 94)  
}
```

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(179, 86, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 86, 94) }
```

Border

The CSS property to change the border of an element to XYZ 23.9386, 17.0474, 12.6185 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(179, 86, 94) }
```


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

```
.border{ border-color:rgb(179, 86, 94) }
```

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

Here you see how a box with a 4 pixel rgb(179, 86, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 86, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 86, 94);  
box-shadow:4px 4px 4px 4px rgb(179, 86,  
94) }
```

Background

The CSS property to change the background color of an element to XYZ 23.9386, 17.0474, 12.6185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 86, 94) }
```

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

```
.background{ background-color: rgb(179, 86,  
94) }
```

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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