

Converting Colors

XYZ(25.9290, 17.1306, 14.4762)

Have a look what the booklet for
XYZ(25.9290, 17.1306, 14.4762)
contains.

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Color

**XYZ(25.8617, 17.0995,
14.5078)**

Conversions

Conversions Part 1

Format	Color
Hex	BC4E66
RGB	188, 78, 102
RGB Percent	74%, 31%, 40%
CMY	0.2627, 0.6941, 0.6000
CMYK	0.00, 0.59, 0.46, 0.26
HSL	347°, 45%, 52%
HSV	347°, 59%, 74%
XYZ	25.8617, 17.0995, 14.5078
YIQ	113.6260, 57.8560, 30.7840

Conversions

Conversions Part 2

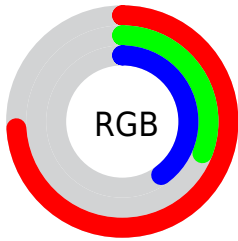
Format	Color
R_{YB}	188, 78, 102
Decimal	12340838
CIE _{Lab}	48.39, 46.48, 8.86
CIE _{LCh}	48, 47.313, 10.790
Yxy	17.0995, 0.4500, 0.2975
Android (android.graphics.Color)	4290530918 (0xFFBC4E66)
YUV	113.6260, -5.7316, 65.2260
Hunter-Lab	41.3515, 39.2706, 8.1447

Details

The XYZ color **25.8617, 17.0995, 14.5078** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **27.8270, 40.2669, 41.4306**, and the grayscale version is **15.8875, 16.7149, 18.2025**.

A 20% lighter version of the original color is **52.5775, 38.4890, 34.7950**, and **10.1824, 5.5955, 4.1578** is the 20% darker color. If you saturate the color by 10%, you get **24.0462, 14.5336, 10.6194**, and if you desaturate by 10%, it is **28.1891, 20.4824, 19.2049**.

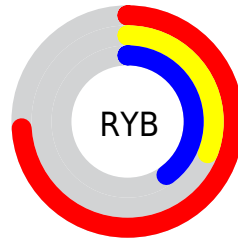
Distribution



Red (74%)

Green (31%)

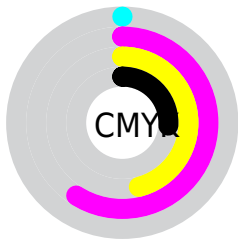
Blue (40%)



Red (74%)

Yellow (31%)

Blue (40%)

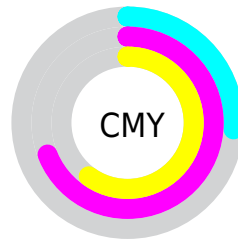


Cyan (0%)

Magenta (59%)

Yellow (46%)

Black (26%)



Cyan (26%)

Magenta (69%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.8617, 17.0995, 14.5078 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 25.8617, 17.0995, 14.5078 by changing the saturation by 10% instead.

■ 25.8617, 17.0995,
14.5078

■ 25.8617, 17.0995,
14.5078

274.3717,
235.7451, 231.9046

■ 16.8523, 10.3055,
8.3319

■ 52.4846, 38.4968,
34.7174

■ 10.2239, 5.6020,
4.2173

■ 70.8289, 53.8688,
49.5881

■ 5.6111, 2.6046,
1.7453

■ 93.0156, 72.8689,
68.1943

■ 2.6485, 0.9290,
0.3915

■ 119.4100, 95.8816,
90.9544

■ 0.9707, 0.0000,
0.0000

■ 150.3774,
123.2911, 118.2869

■ 0.0000, 0.0000,
0.0000

186.2833,

155.4820, 150.6104

227.4929,
192.8385, 188.3435

■ 25.8617, 17.0995,
14.5078

■ 25.8617, 17.0995,
14.5078

■ 24.0462, 14.5336,
10.6194

■ 28.1891, 20.4824,
19.2049

■ 22.7010, 12.7123,
7.4917

■ 31.0629, 24.7412,
24.7529

■ 21.7797, 11.5547,
5.0725

■ 34.5163, 29.9326,
31.1922

■ 21.2092, 10.9282,
3.2967

■ 38.5792, 36.1076,
38.5603

■ 21.1394, 10.8515,
3.0791

■ 43.2794, 43.3136,
46.8923

■ 48.6432, 51.5949,
56.2217

■ 54.6952, 60.9932,
66.5803

■ 61.4587, 71.5479,
77.9984

■ 68.9562, 83.2966,
90.5051

Harmonies

Analogous

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



25.4336, 17.0995, 27.6010



25.8617, 17.0995, 14.5078



23.3931, 17.0995, 6.9946

Triad

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



25.8617, 17.0995, 14.5078



11.4045, 17.0995, 5.7852



13.6681, 17.0995, 51.3605

Complementary

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



25.8617, 17.0995, 14.5078



27.8270, 40.2669, 41.4306

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.



10.7366, 17.0995, 38.9029



25.8617, 17.0995, 14.5078



9.5989, 17.0995, 11.8327

Square

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



25.8617, 17.0995, 14.5078



14.7455, 17.0995, 3.6577



9.3783, 17.0995, 23.4403



17.8589, 17.0995, 53.1604

Rectangle

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



25.8617, 17.0995, 14.5078



20.6559, 17.0995, 4.6111



9.3783, 17.0995, 23.4403



12.5242, 17.0995, 48.0856

Sweetspot

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



25.8621, 17.1004, 14.5081



70.0879, 65.6973, 70.1871



26.7703, 16.7971, 49.4080



14.5836, 13.3829, 14.2155



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



25.8621, 17.1004, 14.5081



42.8573, 25.3434, 17.6199



27.4074, 21.8276, 9.9776



9.6131, 9.5695, 10.3515



14.4160, 7.3976, 2.2186



0.5897, 0.2998, 0.2185

Inverse Universe

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



25.8621, 17.1004, 14.5081



42.8573, 25.3434, 17.6199



24.5607, 29.9332, 52.0600



9.6131, 9.5695, 10.3515



14.4160, 7.3976, 2.2186



0.5897, 0.2998, 0.2185

Previews

White Background



This preview shows how the XYZ color 25.8617, 17.0995, 14.5078 looks on a white background.

Color Contrast Check

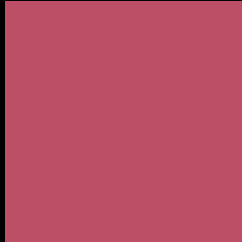
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.8617, 17.0995, 14.5078 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

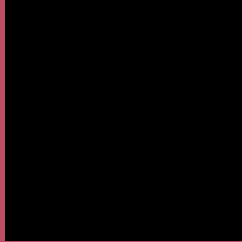
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 25.8617, 17.0995, 14.5078

Background



This preview shows how black text looks on a background with the XYZ color 25.8617, 17.0995, 14.5078.



This preview shows how white text looks on a background with the XYZ color 25.8617, 17.0995,

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

25.8617, 17.0995, 14.5078

Protanopia

16.8460, 17.3796, 20.8791

Deuteranopia

17.5150, 17.2185, 13.7096



Tritanopia

25.1157, 17.1215, 10.7851

Trichromacy



Original Color

25.8617, 17.0995, 14.5078

Protanomaly

19.0012, 16.4913, 18.4013

Deuteranomaly

19.8508, 16.5968, 13.9616

Tritanomaly

25.2939, 17.0748, 12.0878

Monochromacy



Original Color

25.8617, 17.0995, 14.5078

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

18.4527, 16.0959, 16.8861

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.8617, 17.0995, 14.5078 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(188, 78, 102)` looks like.

```
.text, #text, p{  
    color:rgb(188, 78, 102)  
}
```

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(188, 78, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 78, 102) }
```

Border

The CSS property to change the border of an element to XYZ 25.8617, 17.0995, 14.5078 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(188, 78, 102) }
```


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

```
.border{ border-color:rgb(188, 78, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 78, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 78, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 78, 102);  
box-shadow:4px 4px 4px 4px rgb(188, 78,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 25.8617, 17.0995, 14.5078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 78, 102) }
```

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

```
.background{ background-color: rgb(188, 78,  
102) }
```

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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