

Converting Colors

XYZ(25.0836, 17.7977, 11.4663)

Have a look what the booklet for
XYZ(25.0836, 17.7977, 11.4663)
contains.

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Color

**XYZ(24.9785, 17.7280,
11.5565)**

Conversions

Conversions Part 1

Format	Color
Hex	B85759
RGB	184, 87, 89
RGB Percent	72%, 34%, 35%
CMY	0.2784, 0.6588, 0.6510
CMYK	0.00, 0.53, 0.52, 0.28
HSL	359°, 41%, 53%
HSV	359°, 53%, 72%
XYZ	24.9785, 17.7280, 11.5565
YIQ	116.2310, 57.1700, 21.1860

Conversions

Conversions Part 2

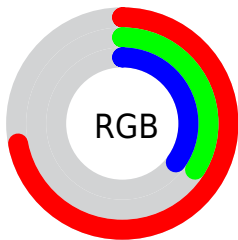
Format	Color
RYB	184, 87, 89
Decimal	12080985
CIELab	49.16, 39.39, 17.66
CIElCh	49, 43.164, 24.150
Yxy	17.7280, 0.4603, 0.3267
Android (android.graphics.Color)	4290271065 (0xFFB85759)
YUV	116.2310, -13.4249, 59.4334
Hunter-Lab	42.1046, 32.2117, 13.1999

Details

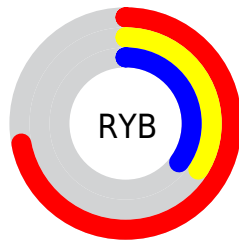
The XYZ color **24.9785, 17.7280, 11.5565** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **29.5155, 39.6849, 50.3630**, and the grayscale version is **16.6995, 17.5692, 19.1329**.

A 20% lighter version of the original color is **50.8550, 39.3840, 29.3476**, and **9.6897, 5.8792, 3.0070** is the 20% darker color. If you saturate the color by 10%, you get **23.0077, 14.8529, 7.6120**, and if you desaturate by 10%, it is **27.5151, 21.4384, 16.6038**.

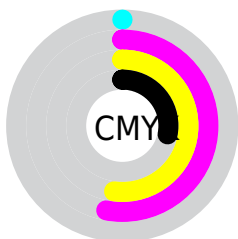
Distribution



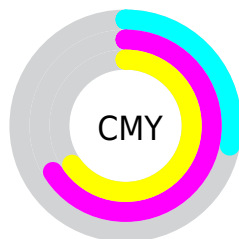
- Red (72%)
- Green (34%)
- Blue (35%)



- Red (72%)
- Yellow (34%)
- Blue (35%)



- Cyan (0%)
- Magenta (53%)
- Yellow (52%)
- Black (28%)





- Cyan (28%)
- Magenta (66%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.9785, 17.7280, 11.5565 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 24.9785, 17.7280, 11.5565 by changing the saturation by 10% instead.


 24.9785, 17.7280,
11.5565


 24.9785, 17.7280,
11.5565


270.0805,
239.3334, 212.3193


 16.1897, 10.7549,
6.3236


 51.0655, 39.5733,
29.3370

 9.7502, 5.9023,
2.9709


 69.0944, 55.2143,
42.7216


 5.2946, 2.7857,
1.0798

 90.9340, 74.5133,
59.6606

 2.4577, 1.0209,
0.0000

 116.9497, 97.8548,
80.5724

 0.8740, 0.0000,
0.0000

 147.5068,
125.6232, 105.8757

 0.0000, 0.0000,
0.0000

182.9708,

158.2028, 135.9889

223.7069,
195.9781, 171.3306

■ 24.9785, 17.7280,
11.5565

■ 24.9785, 17.7280,
11.5565

■ 23.0077, 14.8529,
7.6120

■ 27.5151, 21.4384,
16.6038

■ 21.5581, 12.7458,
4.6870

■ 30.6549, 26.0388,
22.8270

■ 20.5808, 11.3339,
2.6880

■ 34.4336, 31.5828,
30.2938

■ 20.0167, 10.5288,
1.5041

■ 38.8839, 38.1188,
39.0667

■ 19.7878, 10.1986,
1.0342

■ 44.0360, 45.6919,
49.2039

■ 49.9185, 54.3445,
60.7601

■ 56.5584, 64.1166,
73.7870

■ 63.9812, 75.0462,
88.3338

■ 72.2113, 87.1694,
104.4473

Harmonies

Analogous

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



25.8191, 17.7280, 21.6602



24.9785, 17.7280, 11.5565



21.8212, 17.7280, 6.3027

Triad

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



24.9785, 17.7280, 11.5565



11.3052, 17.7280, 8.9851



16.0705, 17.7280, 50.9697

Complementary

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



24.9785, 17.7280, 11.5565



29.5155, 39.6849, 50.3630

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.



12.6976, 17.7280, 43.5335



24.9785, 17.7280, 11.5565



10.2434, 17.7280, 17.1229

Square

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



24.9785, 17.7280, 11.5565



13.8674, 17.7280, 5.2875



10.7092, 17.7280, 29.9103



20.2321, 17.7280, 47.5507

Rectangle

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



24.9785, 17.7280, 11.5565



19.0618, 17.7280, 4.8364



10.7092, 17.7280, 29.9103



14.8161, 17.7280, 49.5879

Sweetspot

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



24.9789, 17.7289, 11.5568



67.4781, 64.6793, 64.8899



31.0617, 20.0736, 47.5846



14.1902, 13.4196, 13.2857



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.



24.9789, 17.7289, 11.5568



41.3028, 26.3350, 12.9844



29.7755, 27.4543, 12.7480



9.0119, 9.0151, 9.4101



13.6409, 7.0301, 0.7298



0.4834, 0.2488, 0.0391

Inverse Universe

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



24.9789, 17.7289, 11.5568



41.3028, 26.3350, 12.9844



21.7772, 23.8761, 48.8079



9.0119, 9.0151, 9.4101



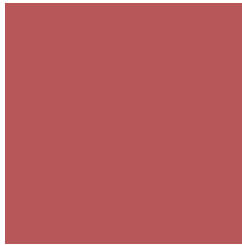
13.6409, 7.0301, 0.7298



0.4834, 0.2488, 0.0391

Previews

White Background



This preview shows how the XYZ color 24.9785, 17.7280, 11.5565 looks on a white background.

Color Contrast Check

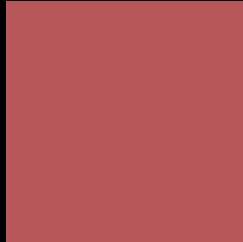
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.9785, 17.7280, 11.5565 looks on a black 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

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

XYZ 24.9785, 17.7280, 11.5565

Background



This preview shows how black text looks on a background with the XYZ color 24.9785, 17.7280, 11.5565.

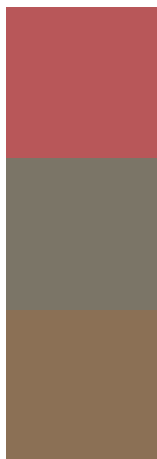


This preview shows how white text looks on a background with the XYZ color 24.9785, 17.7280,

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

24.9785, 17.7280, 11.5565

Protanopia

16.9779, 17.9128, 15.3947

Deuteranopia

18.0813, 17.7332, 11.0642



Tritanopia

25.0267, 17.6186, 12.2069

Trichromacy



Original Color

24.9785, 17.7280, 11.5565

Protanomaly

19.0357, 17.2097, 13.8738

Deuteranomaly

20.0475, 17.3409, 11.0946

Tritanomaly

24.9833, 17.6013, 11.9781

Monochromacy



Original Color

24.9785, 17.7280, 11.5565

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

18.6376, 16.8065, 15.8973

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.9785, 17.7280, 11.5565 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(184, 87, 89)` looks like.

```
.text, #text, p{  
    color:rgb(184, 87, 89)  
}
```

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(184, 87, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 87, 89) }
```

Border

The CSS property to change the border of an element to XYZ 24.9785, 17.7280, 11.5565 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(184, 87, 89) }
```


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

```
.border{ border-color:rgb(184, 87, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 87, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 87, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 87, 89);  
box-shadow:4px 4px 4px 4px rgb(184, 87,  
89) }
```

Background

The CSS property to change the background color of an element to XYZ 24.9785, 17.7280, 11.5565 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 87, 89) }
```

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

```
.background{ background-color: rgb(184, 87,  
89) }
```

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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