

# Converting Colors

XYZ(25.6378, 17.5675, 14.4634)

Have a look what the booklet for  
XYZ(25.6378, 17.5675, 14.4634)  
contains.

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# Color

**XYZ(25.6919, 17.5652,  
14.3482)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BA5365
RGB	186, 83, 101
RGB Percent	73%, 33%, 40%
CMY	0.2706, 0.6745, 0.6039
CMYK	0.00, 0.55, 0.46, 0.27
HSL	350°, 43%, 53%
HSV	350°, 55%, 73%
XYZ	25.6919, 17.5652, 14.3482
YIQ	115.8490, 55.6100, 27.4340

# Conversions

## Conversions Part 2

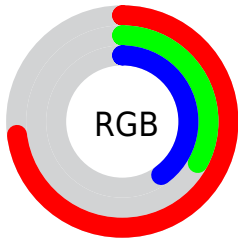
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	186, 83, 101
Decimal	12211045
CIE Lab	48.96, 43.27, 10.23
CIE LCh	49, 44.462, 13.305
Yxy	17.5652, 0.4460, 0.3049
Android (android.graphics.Color)	4290401125 (0xFFBA5365)
YUV	115.8490, -7.3206, 61.5224
Hunter-Lab	41.9109, 36.0788, 9.0396

# Details

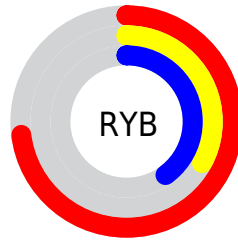
The XYZ color **25.6919, 17.5652, 14.3482** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **28.1951, 39.7843, 43.2415**, and the grayscale version is **16.5646, 17.4273, 18.9783**.

A 20% lighter version of the original color is **52.1278, 39.2878, 34.5416**, and **10.2071, 5.8715, 4.2098** is the 20% darker color. If you saturate the color by 10%, you get **23.7717, 14.8181, 10.3377**, and if you desaturate by 10%, it is **28.1352, 21.1337, 19.2265**.

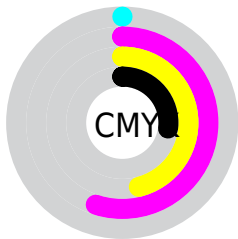
# Distribution



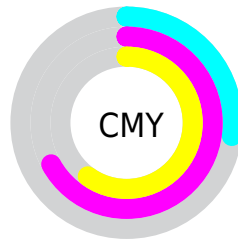
- Red (73%)
- Green (33%)
- Blue (40%)



- Red (73%)
- Yellow (33%)
- Blue (40%)



- Cyan (0%)
- Magenta (55%)
- Yellow (46%)
- Black (27%)




- Cyan (27%)
- Magenta (67%)
- Yellow (60%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 25.6919, 17.5652, 14.3482 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 25.6919, 17.5652, 14.3482 by changing the saturation by 10% instead.




 25.6919, 17.5652,  
14.3482


 25.6919, 17.5652,  
14.3482


273.5509,  
238.4087, 230.8896


 16.7248, 10.6383,  
8.2217


 52.2123, 39.2950,  
34.4316


 10.1325, 5.8242,  
4.1474


 70.4963, 54.8667,  
49.2255


 5.5499, 2.7385,  
1.7065

 92.6167, 74.0888,  
67.7458

 2.6114, 0.9968,  
0.3652

 118.9387, 97.3457,  
90.4108

 0.9518, 0.0000,  
0.0000

 149.8278,  
125.0217, 117.6392

 0.0000, 0.0000,  
0.0000

185.6493,

157.5013, 149.8494

226.7685,  
195.1688, 187.4600

■ 25.6919, 17.5652,  
14.3482

■ 25.6919, 17.5652,  
14.3482

■ 23.7717, 14.8181,  
10.3377

■ 28.1352, 21.1337,  
19.2265

■ 22.3341, 12.8240,  
7.1422

■ 31.1354, 25.5794,  
25.0190

■ 21.3347, 11.5078,  
4.7049

■ 34.7247, 30.9564,  
31.7699

■ 20.7193, 10.7764,  
2.9600

■ 38.9328, 37.3136,  
39.5202

■ 20.5172, 10.5461,  
2.3564

■ 43.7872, 44.6965,  
48.3085

■ 49.3137, 53.1478,  
58.1714

■ 55.5367, 62.7077,  
69.1436

■ 62.4795, 73.4143,  
81.2584

■ 70.1642, 85.3039,  
94.5474

# Harmonies

## Analogous

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



25.5299, 17.5652, 26.4430



25.6919, 17.5652, 14.3482



23.1769, 17.5652, 7.3711

# Triad

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



25.6919, 17.5652, 14.3482



11.8130, 17.5652, 6.8780



14.5132, 17.5652, 50.2876

# Complementary

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



25.6919, 17.5652, 14.3482



28.1951, 39.7843, 43.2415

# 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.



11.5509, 17.5652, 39.3864



25.6919, 17.5652, 14.3482



10.1775, 17.5652, 13.3003

# Square

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



25.6919, 17.5652, 14.3482



14.9311, 17.5652, 4.4206



10.0902, 17.5652, 24.8605



18.5931, 17.5652, 50.9549



# Rectangle

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



25.6919, 17.5652, 14.3482



20.5288, 17.5652, 5.1406



10.0902, 17.5652, 24.8605



13.3713, 17.5652, 47.5433

# Sweetspot

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



25.6924, 17.5661, 14.3485



69.0237, 65.2933, 68.8090



27.9178, 17.9609, 48.4496



14.8511, 13.8505, 14.5123



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.



25.6924, 17.5661, 14.3485



42.5795, 26.1436, 17.6394



28.0130, 23.4672, 11.2381



9.0670, 9.0372, 9.7000



13.8233, 7.1031, 1.6901



0.5071, 0.2583, 0.1639



# Inverse Universe

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



25.6924, 17.5661, 14.3485



42.5795, 26.1436, 17.6394



23.8851, 28.2932, 50.6565



9.0670, 9.0372, 9.7000



13.8233, 7.1031, 1.6901

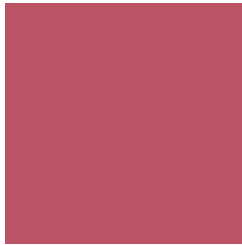


0.5071, 0.2583, 0.1639



# Previews

## White Background



This preview shows how the XYZ color 25.6919, 17.5652, 14.3482 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

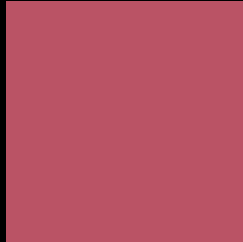
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 25.6919, 17.5652, 14.3482 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

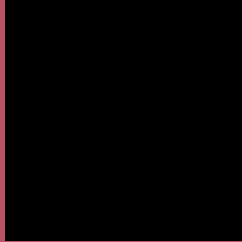
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# XYZ 25.6919, 17.5652, 14.3482

## Background



This preview shows how black text looks on a background with the XYZ color 25.6919, 17.5652, 14.3482.



This preview shows how white text looks on a background with the XYZ color 25.6919, 17.5652,



# 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

25.6919, 17.5652, 14.3482

### Protanopia

17.0464, 17.6742, 19.9658

### Deuteranopia

17.8972, 17.5838, 13.5171



## Tritanopia

25.1444, 17.5666, 11.9630

# Trichromacy



## Original Color

25.6919, 17.5652, 14.3482

## Protanomaly

19.2026, 16.9101, 17.5811

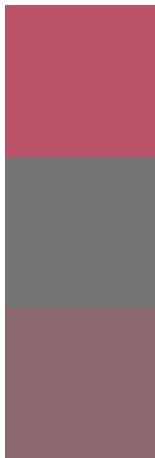
## Deuteranomaly

20.1847, 17.0592, 13.7842

## Tritanomaly

25.2435, 17.4812, 12.8702

# Monochromacy



## Original Color

25.6919, 17.5652, 14.3482

## Achromatopsia

16.6002, 17.4647, 19.0191

## Achromatomaly

18.8041, 16.7110, 17.2734

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 25.6919, 17.5652, 14.3482 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(186, 83, 101)` looks like.

```
.text, #text, p{  
    color:rgb(186, 83, 101)  
}
```

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(186, 83, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 83, 101) }
```

## Border

The CSS property to change the border of an element to XYZ 25.6919, 17.5652, 14.3482 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(186, 83, 101) }
```



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

```
.border{ border-color:rgb(186, 83, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 83, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 83, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 83, 101);  
box-shadow:4px 4px 4px 4px rgb(186, 83,  
101) }
```

# Background

The CSS property to change the background color of an element to XYZ 25.6919, 17.5652, 14.3482 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 83, 101) }
```

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

```
.background{ background-color: rgb(186, 83,  
101) }
```

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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