

# Converting Colors

XYZ(27.0596, 17.4047, 14.5534)

Have a look what the booklet for  
XYZ(27.0596, 17.4047, 14.5534)  
contains.

<b>XYZ(27.1625, 17.4608, 14.5090)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**XYZ(27.1625, 17.4608,  
14.5090)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C24B66
RGB	194, 75, 102
RGB Percent	76%, 29%, 40%
CMY	0.2392, 0.7059, 0.6000
CMYK	0.00, 0.61, 0.47, 0.24
HSL	346°, 49%, 53%
HSV	346°, 61%, 76%
XYZ	27.1625, 17.4608, 14.5090
YIQ	113.6590, 62.2570, 33.6250

# Conversions

## Conversions Part 2

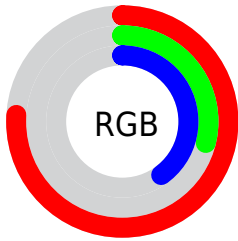
<b>Format</b>	<b>Color</b>
<b>RYB</b>	194, 75, 102
Decimal	12733286
CIELab	48.84, 49.88, 9.63
CIELCh	49, 50.800, 10.929
Yxy	17.4608, 0.4594, 0.2953
Android (android.graphics.Color)	4290923366 (0xFFC24B66)
YUV	113.6590, -5.7479, 70.4591
Hunter-Lab	41.7861, 42.9058, 8.6636

# Details

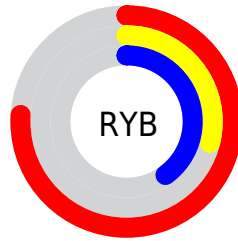
The XYZ color **27.1625, 17.4608, 14.5090** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **29.1696, 42.8699, 43.2997**, and the grayscale version is **15.8965, 16.7243, 18.2128**.

A 20% lighter version of the original color is **54.4731, 39.0713, 34.8075**, and **11.0111, 5.8076, 4.2820** is the 20% darker color. If you saturate the color by 10%, you get **25.3637, 14.9479, 10.5655**, and if you desaturate by 10%, it is **29.4980, 20.8317, 19.2957**.

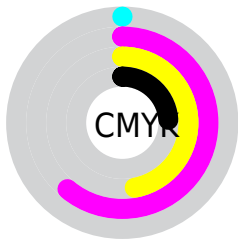
# Distribution



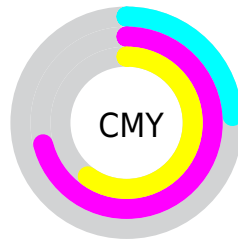
- Red (76%)
- Green (29%)
- Blue (40%)



- Red (76%)
- Yellow (29%)
- Blue (40%)



- Cyan (0%)
- Magenta (61%)
- Yellow (47%)
- Black (24%)




- Cyan (24%)
- Magenta (71%)
- Yellow (60%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 27.1625, 17.4608, 14.5090 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 27.1625, 17.4608, 14.5090 by changing the saturation by 10% instead.





 27.1625, 17.4608,  
14.5090


 27.1625, 17.4608,  
14.5090


280.5963,  
237.8140, 231.9123


 17.8325, 10.5636,  
8.3327


 54.5626, 39.1164,  
34.7195


 10.9288, 5.7742,  
4.2178


 73.3634, 54.6435,  
49.5909


 6.0859, 2.7083,  
1.7456


 96.0518, 73.8161,  
68.1977

 2.9385, 0.9814,  
0.3917

 122.9933, 97.0184,  
90.9584

 1.1213, 0.0000,  
0.0000

 154.5531,  
124.6350, 118.2918

 0.0429, 0.0000,  
0.0000

191.0966,

 0.0000, 0.0000,

157.0502, 150.6161

0.0000

232.9892,  
194.6484, 188.3501

■ 27.1625, 17.4608,  
14.5090

■ 27.1625, 17.4608,  
14.5090

■ 25.3637, 14.9479,  
10.5655

■ 29.4980, 20.8317,  
19.2957

■ 24.0550, 13.2115,  
7.4135

■ 32.4084, 25.1264,  
24.9711

■ 23.1842, 12.1597,  
4.9964

■ 35.9303, 30.4076,  
31.5784

■ 22.7029, 11.6512,  
3.4361

■ 40.0964, 36.7319,  
39.1576

■ 44.9374, 44.1512,  
47.7465

■ 50.4817, 52.7142,  
57.3806

■ 56.7562, 62.4667,  
68.0937

■ 63.7865, 73.4518,  
79.9183

■ 71.5967, 85.7105,  
92.8853

# Harmonies

## Analogous

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



26.7032, 17.4608, 28.8006



27.1625, 17.4608, 14.5090



24.4158, 17.4608, 6.5851

# Triad

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



27.1625, 17.4608, 14.5090



11.3450, 17.4608, 5.3832



13.8110, 17.4608, 55.5363

# Complementary

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



27.1625, 17.4608, 14.5090



29.1696, 42.8699, 43.2997

# 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.



10.6543, 17.4608, 41.5492



27.1625, 17.4608, 14.5090



9.4277, 17.4608, 11.7382

# Square

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



27.1625, 17.4608, 14.5090



14.9386, 17.4608, 3.2291



9.2014, 17.4608, 24.3615



18.3716, 17.4608, 57.5056



# Rectangle

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



27.1625, 17.4608, 14.5090



21.3933, 17.4608, 4.1645



9.2014, 17.4608, 24.3615



12.5754, 17.4608, 51.8551

# Sweetspot

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



27.1630, 17.4617, 14.5093



75.1888, 70.4359, 75.4948



28.0293, 17.0605, 52.8546



15.9235, 14.5964, 15.5629



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091



# Same Dimension

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



27.1630, 17.4617, 14.5093



44.9427, 25.7167, 16.7867



28.7488, 22.4383, 9.4737



10.1647, 10.1145, 10.9579



14.9528, 7.6709, 2.3973



0.6732, 0.3423, 0.2465



# Inverse Universe

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



27.1630, 17.4617, 14.5093



44.9427, 25.7167, 16.7867



25.6075, 31.3265, 55.7358



10.1647, 10.1145, 10.9579



14.9528, 7.6709, 2.3973



0.6732, 0.3423, 0.2465



# Previews

## White Background



This preview shows how the XYZ color 27.1625, 17.4608, 14.5090 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 27.1625, 17.4608, 14.5090 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 27.1625, 17.4608, 14.5090**

## **Background**



This preview shows how black text looks on a background with the XYZ color 27.1625, 17.4608, 14.5090.



This preview shows how white text looks on a background with the XYZ color 27.1625, 17.4608,



# 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

27.1625, 17.4608, 14.5090

### Protanopia

17.2196, 17.7279, 21.5830

### Deuteranopia

17.8972, 17.5838, 13.5171



## Tritanopia

26.3169, 17.4263, 10.3641

# Trichromacy



## Original Color

27.1625, 17.4608, 14.5090

## Protanomaly

19.4831, 16.5881, 18.6979

## Deuteranomaly

20.3767, 16.8734, 13.7382

## Tritanomaly

26.5345, 17.4005, 11.8576

# Monochromacy



## Original Color

27.1625, 17.4608, 14.5090

## Achromatopsia

15.9940, 16.8269, 18.3245

## Achromatomaly

18.6993, 16.0798, 16.8700

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 27.1625, 17.4608, 14.5090 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(194, 75, 102)` looks like.

```
.text, #text, p{  
  color:rgb(194, 75, 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(194, 75, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 75, 102) }
```

## Border

The CSS property to change the border of an element to XYZ 27.1625, 17.4608, 14.5090 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(194, 75, 102) }
```



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

```
.border{ border-color:rgb(194, 75, 102) }
```

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

Here you see how a box with a 4 pixel rgb(194, 75, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 75, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 75, 102);  
box-shadow:4px 4px 4px 4px rgb(194, 75,  
102) }
```

# Background

The CSS property to change the background color of an element to XYZ 27.1625, 17.4608, 14.5090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 75, 102) }
```

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

```
.background{ background-color: rgb(194, 75,  
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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