

Converting Colors

XYZ(34.1584, 27.7760, 25.2192)

Have a look what the booklet for
XYZ(34.1584, 27.7760, 25.2192)
contains.

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Color

**XYZ(34.1375, 27.8170,
25.3998)**

Conversions

Conversions Part 1

Format	Color
Hex	C47C84
RGB	196, 124, 132
RGB Percent	77%, 49%, 52%
CMY	0.2314, 0.5137, 0.4823
CMYK	0.00, 0.37, 0.33, 0.23
HSL	353°, 38%, 63%
HSV	353°, 37%, 77%
XYZ	34.1375, 27.8170, 25.3998
YIQ	146.4400, 40.3440, 17.7520

Conversions

Conversions Part 2

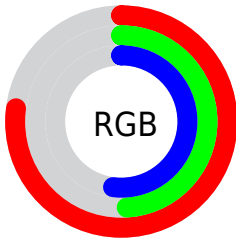
Format	Color
R _Y B	196, 124, 132
Decimal	12876932
CIE Lab	59.72, 29.02, 7.44
CIE LCh	60, 29.960, 14.378
Yxy	27.8170, 0.3908, 0.3184
Android (android.graphics.Color)	4291067012 (0xFFC47C84)
YUV	146.4400, -7.1189, 43.4641
Hunter-Lab	52.7418, 23.2371, 8.3660

Details

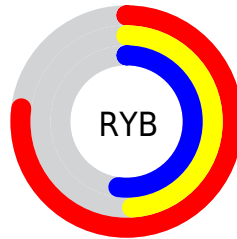
The XYZ color **34.1375, 27.8170, 25.3998** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **37.1305, 47.3965, 54.7709**, and the grayscale version is **27.5197, 28.9528, 31.5296**.

A 20% lighter version of the original color is **65.3521, 56.0179, 53.2670**, and **14.8253, 11.0975, 9.5443** is the 20% darker color. If you saturate the color by 10%, you get **30.8265, 22.9463, 18.8969**, and if you desaturate by 10%, it is **38.1373, 33.7464, 33.1153**.

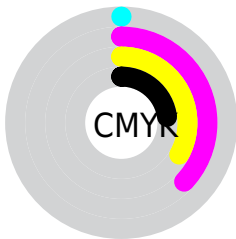
Distribution



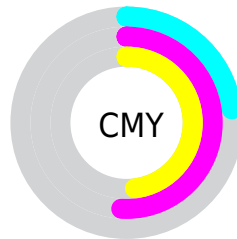
- Red (77%)
- Green (49%)
- Blue (52%)



- Red (77%)
- Yellow (49%)
- Blue (52%)



- Cyan (0%)
- Magenta (37%)
- Yellow (33%)
- Black (23%)





- Cyan (23%)
- Magenta (51%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.1375, 27.8170, 25.3998 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 34.1375, 27.8170, 25.3998 by changing the saturation by 10% instead.


 34.1375, 27.8170,
25.3998


 34.1375, 27.8170,
25.3998


312.3199,
291.5914, 293.3343


 23.1626, 18.1878,
16.1534

 65.4903, 56.1921,
53.2772

 14.8350, 11.0849,
9.4773


 86.5990, 75.7068,
72.7454

 8.7892, 6.1239,
4.9527


 111.8163, 99.2855,
96.4578

 4.6600, 2.9206,
2.1613

141.5076,
127.3124, 124.8332

 2.0819, 1.0904,
0.6519

176.0382,
160.1721, 158.2900

 0.6793, 0.0000,
0.0000

215.7736,

 0.0000, 0.0000,

198.2489, 197.2468

0.0000

261.0790,
241.9272, 242.1220

■ 34.1375, 27.8170,
25.3998

■ 34.1375, 27.8170,
25.3998

■ 30.8265, 22.9463,
18.8969

■ 38.1373, 33.7464,
33.1153

■ 28.1631, 19.0681,
13.5432

■ 42.8596, 40.7875,
42.0991

■ 26.1052, 16.1152,
9.2721


■ 48.3385, 48.9945,
52.4055

■ 24.6047, 14.0103,
6.0093


■ 54.6052, 58.4170,
64.0849


■ 23.6060, 12.6634,
3.6711


■ 61.6893, 69.1018,
77.1853

 23.0378, 11.9561,
2.1587

 69.6188, 81.0929,
91.7523

 22.9076, 11.7928,
1.8163

 76.4086, 90.4092,
107.1589

 76.5750, 90.4758,
108.0354

Harmonies

Analogous

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



34.0890, 27.8170, 36.2572



34.1375, 27.8170, 25.3998



31.9919, 27.8170, 17.9202

Triad

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



34.1375, 27.8170, 25.3998



21.6672, 27.8170, 17.6955



24.5267, 27.8170, 55.1337

Complementary

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



34.1375, 27.8170, 25.3998



37.1305, 47.3965, 54.7709

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.



21.5694, 27.8170, 47.3367



34.1375, 27.8170, 25.3998



20.0291, 27.8170, 25.0127

Square

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



34.1375, 27.8170, 25.3998



24.6722, 27.8170, 14.2470



19.9951, 27.8170, 35.7662



28.2886, 27.8170, 55.3086

Rectangle

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



34.1375, 27.8170, 25.3998



29.7143, 27.8170, 15.1090



19.9951, 27.8170, 35.7662



23.4141, 27.8170, 53.2471

Sweetspot

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



34.1382, 27.8183, 25.4003



82.9875, 81.8877, 86.3430



37.8130, 29.0429, 55.8376



17.4708, 17.0900, 17.9317



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.



34.1382, 27.8183, 25.4003



56.9708, 43.2203, 36.4651



37.5674, 35.5191, 23.9463



10.1177, 10.0957, 10.7102



14.7354, 7.5839, 1.2527



0.6522, 0.3339, 0.1358

Inverse Universe

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



34.1382, 27.8183, 25.4003



56.9708, 43.2203, 36.4651



32.3537, 36.4250, 57.5503



10.1177, 10.0957, 10.7102



14.7354, 7.5839, 1.2527



0.6522, 0.3339, 0.1358

Previews

White Background



This preview shows how the XYZ color 34.1375, 27.8170, 25.3998 looks on a white background.

Color Contrast Check

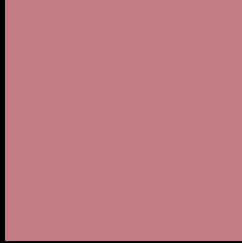
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the XYZ color 34.1375, 27.8170, 25.3998 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 34.1375, 27.8170, 25.3998

Background



This preview shows how black text looks on a background with the XYZ color 34.1375, 27.8170, 25.3998.



This preview shows how white text looks on a background with the XYZ color 34.1375, 27.8170,

25.3998.

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

34.1375, 27.8170, 25.3998

Protanopia

26.9638, 28.1327, 29.9956

Deuteranopia

28.5049, 27.9427, 24.6600



Tritanopia

34.2062, 27.8445, 25.7620

Trichromacy



Original Color

34.1375, 27.8170, 25.3998

Protanomaly

29.1229, 27.7547, 28.2484

Deuteranomaly

30.4589, 27.8920, 24.8974

Tritanomaly

34.2062, 27.8445, 25.7620

Monochromacy



Original Color

34.1375, 27.8170, 25.3998

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

29.2060, 27.9926, 29.0631

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.1375, 27.8170, 25.3998 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(196, 124, 132)` looks like.

```
.text, #text, p{  
    color:rgb(196, 124, 132)  
}
```

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(196, 124, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 124, 132) }
```

Border

The CSS property to change the border of an element to XYZ 34.1375, 27.8170, 25.3998 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(196, 124, 132) }
```


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

```
.border{ border-color:rgb(196, 124, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 124, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 124, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 124, 132);  
box-shadow:4px 4px 4px 4px rgb(196, 124,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 34.1375, 27.8170, 25.3998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 124, 132) }
```

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

```
.background{ background-color: rgb(196,  
124, 132) }
```

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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