

Converting Colors

XYZ(34.8085, 25.7430, 17.5996)

Have a look what the booklet for
XYZ(34.8085, 25.7430, 17.5996)
contains.

XYZ(34.8073, 25.7430, 17.6024)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(34.8073, 25.7430,
17.6024)**

Conversions

Conversions Part 1

Format	Color
Hex	D26D6D
RGB	210, 109, 109
RGB Percent	82%, 43%, 43%
CMY	0.1765, 0.5725, 0.5725
CMYK	0.00, 0.48, 0.48, 0.18
HSL	0°, 53%, 63%
HSV	0°, 48%, 82%
XYZ	34.8073, 25.7430, 17.6024
YIQ	139.1990, 60.1960, 21.4120

Conversions

Conversions Part 2

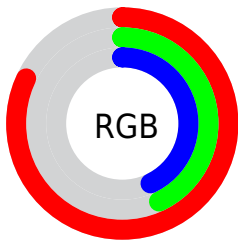
Format	Color
R_{YB}	210, 109, 109
Decimal	13790573
CIE Lab	57.79, 39.65, 18.28
CIE LCh	58, 43.662, 24.745
Yxy	25.7430, 0.4454, 0.3294
Android (android.graphics.Color)	4291980653 (0xFFD26D6D)
YUV	139.1990, -14.8881, 62.0925
Hunter-Lab	50.7376, 33.6650, 14.9468

Details

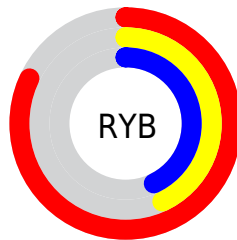
The XYZ color **34.8073, 25.7430, 17.6024** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **40.9850, 53.9950, 69.2346**, and the grayscale version is **24.6573, 25.9414, 28.2502**.

A 20% lighter version of the original color is **60.5055, 49.6387, 39.6500**, and **15.3315, 10.0493, 5.6891** is the 20% darker color. If you saturate the color by 10%, you get **31.8301, 21.3868, 11.6832**, and if you desaturate by 10%, it is **38.5909, 31.2799, 25.1231**.

Distribution



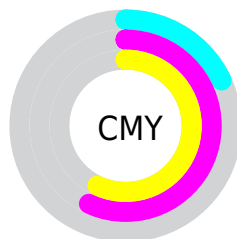
- Red (82%)
- Green (43%)
- Blue (43%)



- Red (82%)
- Yellow (43%)
- Blue (43%)



- Cyan (0%)
- Magenta (48%)
- Yellow (48%)
- Black (18%)





- Cyan (18%)
- Magenta (57%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.8073, 25.7430, 17.6024 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 34.8073, 25.7430, 17.6024 by changing the saturation by 10% instead.


 34.8073, 25.7430,
17.6024


 34.8073, 25.7430,
17.6024


315.2399,
281.5182, 250.7807


 23.6803, 16.6315,
10.4984


 66.5231, 52.8601,
40.1634


 15.2201, 9.9721,
5.6208


 87.8427, 71.6344,
56.4575

 9.0613, 5.3805,
2.5509


 113.2904, 94.3984,
76.6521

 4.8386, 2.4722,
0.8669

 143.2317,
121.5366, 101.1656

 2.1867, 0.8627,
0.0000

178.0320,
153.4332, 130.4167

 0.7357, 0.0000,
0.0000

218.0565,

 0.0000, 0.0000,

190.4728, 164.8239

0.0000

263.6707,
233.0396, 204.8057

■ 34.8073, 25.7430,
17.6024

■ 34.8073, 25.7430,
17.6024

■ 31.8301, 21.3868,
11.6832

■ 38.5909, 31.2799,
25.1231

■ 29.5991, 18.1222,
7.2482

■ 43.2315, 38.0705,
34.3484

■ 28.0488, 15.8536,
4.1666


■ 48.7779, 46.1864,
45.3742


■ 27.1016, 14.4675,
2.2839

■ 55.2744, 55.6926,
58.2891

■ 26.6438, 13.7975,
1.3738

■ 62.7628, 66.6502,
73.1758

 26.5784, 13.7018,
1.2439

 71.2821, 79.1163,
90.1120

 80.3883, 92.4416,
108.2138

Harmonies

Analogous

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



35.9360, 25.7430, 30.7566



34.8073, 25.7430, 17.6024



30.7571, 25.7430, 10.4516

Triad

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



34.8073, 25.7430, 17.6024



17.1276, 25.7430, 14.4544



23.5567, 25.7430, 67.7054

Complementary

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



34.8073, 25.7430, 17.6024



40.9850, 53.9950, 69.2346

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.



19.1004, 25.7430, 58.8157



34.8073, 25.7430, 17.6024



15.7431, 25.7430, 25.4691

Square

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



34.8073, 25.7430, 17.6024



20.4879, 25.7430, 9.1414



16.4103, 25.7430, 41.9276



28.9328, 25.7430, 63.2547

Rectangle

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



34.8073, 25.7430, 17.6024



27.2160, 25.7430, 8.3892



16.4103, 25.7430, 41.9276



21.9114, 25.7430, 66.1060

Sweetspot

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



34.8080, 25.7443, 17.6029



79.4760, 77.2109, 77.9395



43.6799, 29.2922, 64.3244



16.5556, 15.8597, 15.7767



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.



34.8080, 25.7443, 17.6029



49.1680, 32.8614, 17.6890



41.8230, 39.7745, 19.9412



11.8088, 11.8083, 12.2689



16.2125, 8.3580, 0.7588



0.9065, 0.4674, 0.0424

Inverse Universe

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



40.9850, 53.9950, 69.2346



59.8831, 81.8673, 107.2535



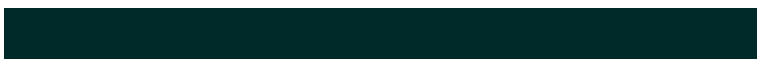
30.4240, 32.8732, 65.7143



12.1584, 13.4070, 15.1907



21.1524, 30.9514, 42.0519



1.1827, 1.7306, 2.3513

Previews

White Background



This preview shows how the XYZ color 34.8073, 25.7430, 17.6024 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 34.8073, 25.7430, 17.6024 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

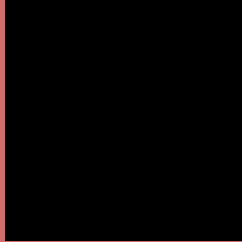
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 34.8073, 25.7430, 17.6024

Background



This preview shows how black text looks on a background with the XYZ color 34.8073, 25.7430, 17.6024.



This preview shows how white text looks on a background with the XYZ color 34.8073, 25.7430,

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

34.8073, 25.7430, 17.6024

Protanopia

24.6618, 26.0063, 22.4588

Deuteranopia

26.3847, 25.9626, 16.9853



Tritanopia

35.0933, 25.6877, 19.6316

Trichromacy



Original Color

34.8073, 25.7430, 17.6024

Protanomaly

27.3514, 25.1814, 20.5585

Deuteranomaly

28.9912, 25.5316, 17.0358

Tritanomaly

34.9215, 25.6190, 18.7272

Monochromacy



Original Color

34.8073, 25.7430, 17.6024

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

27.1325, 24.9962, 23.8168

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.8073, 25.7430, 17.6024 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(210, 109, 109)` looks like.

```
.text, #text, p{  
    color:rgb(210, 109, 109)  
}
```

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(210, 109, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 109, 109) }
```

Border

The CSS property to change the border of an element to XYZ 34.8073, 25.7430, 17.6024 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(210, 109, 109) }
```


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

```
.border{ border-color:rgb(210, 109, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 109, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 109, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 109, 109);  
box-shadow:4px 4px 4px 4px rgb(210, 109,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 34.8073, 25.7430, 17.6024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 109, 109) }
```

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

```
.background{ background-color: rgb(210,  
109, 109) }
```

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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