

Converting Colors

XYZ(25.1758, 13.4136, 12.8175)

Have a look what the booklet for
XYZ(25.1758, 13.4136, 12.8175)
contains.

XYZ(25.1746, 13.4125, 12.8173)	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(25.1746, 13.4125,
12.8173)**

Conversions

Conversions Part 1

Format	Color
Hex	C31E62
RGB	195, 30, 98
RGB Percent	76%, 12%, 38%
CMY	0.2353, 0.8823, 0.6157
CMYK	0.00, 0.85, 0.50, 0.24
HSL	335°, 73%, 44%
HSV	335°, 85%, 76%
XYZ	25.1746, 13.4125, 12.8173
YIQ	87.0870, 76.5120, 56.1280

Conversions

Conversions Part 2

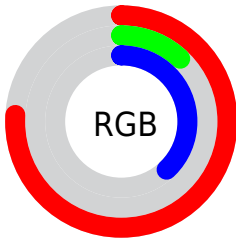
Format	Color
R_{YB}	195, 30, 98
Decimal	12787298
CIE _{Lab}	43.38, 65.16, 4.36
CIE _{LCh}	43, 65.308, 3.826
Yxy	13.4125, 0.4897, 0.2609
Android (android.graphics.Color)	4290977378 (0xFFC31E62)
YUV	87.0870, 5.3801, 94.6397
Hunter-Lab	36.6231, 58.6100, 4.8859

Details

The XYZ color **25.1746, 13.4125, 12.8173** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark washed rose. A complement of this color would be **23.8827, 40.8391, 26.7079**, and the grayscale version is **9.0567, 9.5283, 10.3763**.

A 20% lighter version of the original color is **50.7682, 31.7639, 31.4722**, and **10.6115, 5.3988, 3.7316** is the 20% darker color. If you saturate the color by 10%, you get **24.3212, 12.5110, 10.0507**, and if you desaturate by 10%, it is **26.4111, 14.9563, 16.0944**.

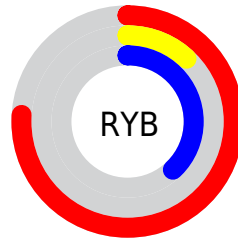
Distribution



Red (76%)

Green (12%)

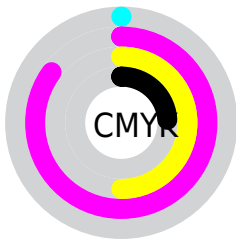
Blue (38%)



Red (76%)

Yellow (12%)

Blue (38%)

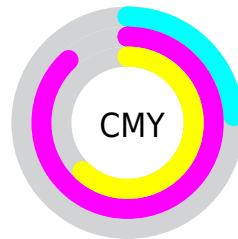


Cyan (0%)

Magenta (85%)

Yellow (50%)

Black (24%)



Cyan (24%)


Magenta (88%)


Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.1746, 13.4125, 12.8173 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 25.1746, 13.4125, 12.8173 by changing the saturation by 10% instead.


 25.1746, 13.4125,
12.8173


 25.1746, 13.4125,
12.8173


271.0380,
213.5447, 220.9100


 16.3366, 7.7132,
7.1736


 51.3812, 32.0429,
31.6615


 9.8550, 3.9120,
3.4908


 69.4805, 45.7428,
45.6991


 5.3645, 1.6245,
1.3504

 91.3976, 62.8783,
63.3718

 2.4996, 0.3740,
0.1026

 117.4979, 83.8339,
85.0981

 0.8951, 0.0000,
0.0000

 148.1468,
108.9940, 111.2965

 0.0000, 0.0000,
0.0000

 183.7095,

138.7428, 142.3856

224.5514,
173.4649, 178.7839

■ 25.1746, 13.4125,
12.8173

■ 25.1746, 13.4125,
12.8173

■ 24.3212, 12.5110,
10.0507

■ 26.4111, 14.9563,
16.0944

■ 23.9667, 12.1865,
8.7470

■ 28.0816, 17.2390,
19.9140

■ 30.2298, 20.3433,
24.3049

■ 32.8932, 24.3398,
29.2935

■ 36.1054, 29.2918,
34.9040

■ 39.8973, 35.2566,
41.1591

■ 44.2971, 42.2869,
48.0803

■ 49.3313, 50.4319,
55.6879

■ 55.0246, 59.7375,
64.0013

Harmonies

Analogous

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



23.6650, 13.4125, 30.7262



25.1746, 13.4125, 12.8173



22.6950, 13.4125, 3.9167

Triad

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



25.1746, 13.4125, 12.8173



8.0509, 13.4125, 1.5168



8.9099, 13.4125, 56.7866

Complementary

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



25.1746, 13.4125, 12.8173



23.8827, 40.8391, 26.7079

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.



6.2383, 13.4125, 36.3408



25.1746, 13.4125, 12.8173



5.8426, 13.4125, 5.4195

Square

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



25.1746, 13.4125, 12.8173



12.1080, 13.4125, 0.6731



5.2798, 13.4125, 16.5493



13.4105, 13.4125, 64.0052

Rectangle

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



25.1746, 13.4125, 12.8173



19.4193, 13.4125, 1.6666



5.2798, 13.4125, 16.5493



7.8121, 13.4125, 50.7763

Sweetspot

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



25.1750, 13.4133, 12.8175



70.8884, 62.2441, 72.8001



18.9571, 9.3246, 52.4304



14.9707, 12.7571, 15.0410



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.



25.1750, 13.4133, 12.8175



42.8081, 21.7796, 15.0514



23.6321, 13.4798, 2.5857



10.2414, 10.1452, 11.3619



15.6167, 7.9364, 5.8938



0.7090, 0.3566, 0.4349

Inverse Universe

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



25.1750, 13.4133, 12.8175



42.8081, 21.7796, 15.0514



26.9612, 37.3664, 57.4212



10.2414, 10.1452, 11.3619



15.6167, 7.9364, 5.8938



0.7090, 0.3566, 0.4349

Previews

White Background



This preview shows how the XYZ color 25.1746, 13.4125, 12.8173 looks on a white background.

Color Contrast Check

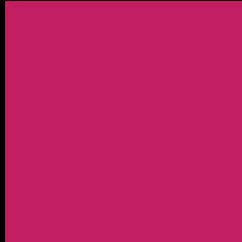
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.1746, 13.4125, 12.8173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

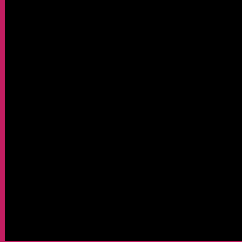
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 25.1746, 13.4125, 12.8173

Background



This preview shows how black text looks on a background with the XYZ color 25.1746, 13.4125, 12.8173.



This preview shows how white text looks on a background with the XYZ color 25.1746, 13.4125,

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

25.1746, 13.4125, 12.8173

Protanopia

13.8828, 13.6886, 25.5774

Deuteranopia

13.8738, 13.7041, 11.5868



Tritanopia

23.5423, 13.5839, 4.1774

Trichromacy



Original Color

25.1746, 13.4125, 12.8173

Protanomaly

15.5197, 11.4242, 20.1260

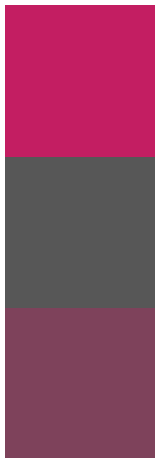
Deuteranomaly

16.3459, 11.9335, 11.7978

Tritanomaly

24.0244, 13.4486, 6.4839

Monochromacy



Original Color

25.1746, 13.4125, 12.8173

Achromatopsia

9.0590, 9.5307, 10.3790

Achromatomaly

12.4407, 9.0874, 10.9959

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.1746, 13.4125, 12.8173 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(195, 30, 98)` looks like.

```
.text, #text, p{  
    color:rgb(195, 30, 98)  
}
```

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(195, 30, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 30, 98) }
```

Border

The CSS property to change the border of an element to XYZ 25.1746, 13.4125, 12.8173 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(195, 30, 98) }
```


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

```
.border{ border-color:rgb(195, 30, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 30, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 30, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 30, 98);  
box-shadow:4px 4px 4px 4px rgb(195, 30,  
98) }
```

Background

The CSS property to change the background color of an element to XYZ 25.1746, 13.4125, 12.8173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 30, 98) }
```

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

```
.background{ background-color: rgb(195, 30,  
98) }
```

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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