

Converting Colors

XYZ(34.8238, 24.1515, 13.7856)

Have a look what the booklet for
XYZ(34.8238, 24.1515, 13.7856)
contains.

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Color

**XYZ(34.7979, 24.1788,
13.8993)**

Conversions

Conversions Part 1

Format	Color
Hex	D86260
RGB	216, 98, 96
RGB Percent	85%, 38%, 38%
CMY	0.1529, 0.6157, 0.6235
CMYK	0.00, 0.55, 0.56, 0.15
HSL	1°, 61%, 61%
HSV	1°, 56%, 85%
XYZ	34.7979, 24.1788, 13.8993
YIQ	133.0540, 70.9700, 24.3940

Conversions

Conversions Part 2

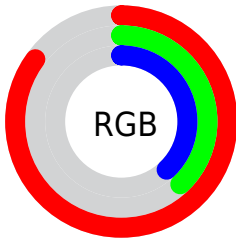
Format	Color
R_{YB}	216, 98, 96
Decimal	14180960
CIE _{Lab}	56.27, 46.20, 23.89
CIE _{LCh}	56, 52.012, 27.349
Yxy	24.1788, 0.4775, 0.3318
Android (android.graphics.Color)	4292371040 (0xFFD86260)
YUV	133.0540, -18.2676, 72.7436
Hunter-Lab	49.1719, 40.2696, 17.6610

Details

The XYZ color **34.7979, 24.1788, 13.8993** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **41.2635, 55.5346, 73.5099**, and the grayscale version is **22.3611, 23.5256, 25.6194**.

A 20% lighter version of the original color is **57.7347, 45.8231, 33.4055**, and **15.2244, 9.1750, 3.9861** is the 20% darker color. If you saturate the color by 10%, you get **32.2061, 20.3741, 8.7848**, and if you desaturate by 10%, it is **38.1913, 29.1497, 20.6290**.

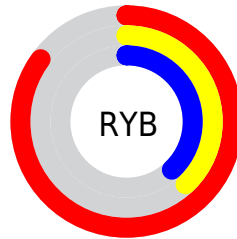
Distribution



Red (85%)

Green (38%)

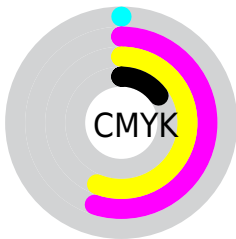
Blue (38%)



Red (85%)

Yellow (38%)

Blue (38%)

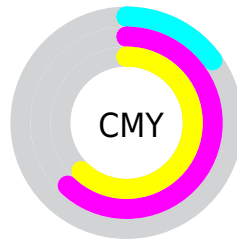


Cyan (0%)

Magenta (55%)

Yellow (56%)

Black (15%)



Cyan (15%)


Magenta (62%)

Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.7979, 24.1788, 13.8993 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 34.7979, 24.1788, 13.8993 by changing the saturation by 10% instead.


 34.7979, 24.1788,
13.8993


 34.7979, 24.1788,
13.8993


315.1990,
273.7232, 228.0101


 23.6730, 15.4663,
7.9127


 66.5087, 50.3218,
33.6248

 15.2147, 9.1473,
3.9522


 87.8252, 68.5211,
48.2008

 9.0575, 4.8374,
1.5991


 113.2698, 90.6515,
66.4770

 4.8361, 2.1522,
0.2902

 143.2076,
117.0974, 88.8719

 2.1852, 0.6937,
0.0000

178.0041,
148.2430, 115.8042

 0.7349, 0.0000,
0.0000

218.0246,

 0.0000, 0.0000,

184.4730, 147.6923

0.0000

263.6345,
226.1716, 184.9547

■ 34.7979, 24.1788,
13.8993

■ 34.7979, 24.1788,
13.8993

■ 32.2061, 20.3741,
8.7848

■ 38.1913, 29.1497,
20.6290

■ 30.3483, 17.6370,
5.1490

■ 42.4428, 35.3670,
29.0927

■ 29.1491, 15.8596,
2.8351

■ 47.6060, 42.9085,
39.3993

■ 28.5160, 14.9091,
1.6505

■ 53.7295, 51.8444,
51.6486

■ 28.3580, 14.6773,
1.3384

■ 60.8587, 62.2401,
65.9332

■ 69.0359, 74.1567,
82.3397

■ 78.3010, 87.6521,
100.9498

■ 82.1288, 93.3389,
108.2953

Harmonies

Analogous

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



36.5056, 24.1788, 27.8812



34.7979, 24.1788, 13.8993



29.7685, 24.1788, 7.1810

Triad

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



34.7979, 24.1788, 13.8993



14.5874, 24.1788, 12.2443



22.4528, 24.1788, 74.9027

Complementary

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



34.7979, 24.1788, 13.8993



41.2635, 55.5346, 73.5099

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.



17.3130, 24.1788, 64.9854



34.7979, 24.1788, 13.8993



13.2931, 24.1788, 24.8309

Square

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



34.7979, 24.1788, 13.8993



18.0879, 24.1788, 6.5585



14.1976, 24.1788, 44.5632



28.6859, 24.1788, 67.8107

Rectangle

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



34.7979, 24.1788, 13.8993



25.5958, 24.1788, 5.4814



14.1976, 24.1788, 44.5632



20.5510, 24.1788, 73.3768

Sweetspot

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



34.7985, 24.1801, 13.8997



76.7168, 73.2703, 72.1553



44.6393, 27.8198, 66.6351



16.0187, 15.0966, 14.6400



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.



34.7985, 24.1801, 13.8997



46.2548, 28.7198, 11.5239



42.6571, 39.8972, 16.5192



12.4397, 12.4537, 12.9089



16.7929, 8.7031, 0.7948



1.0189, 0.5369, 0.0499

Inverse Universe

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



41.2635, 55.5346, 73.5099



56.5752, 78.8229, 106.8403



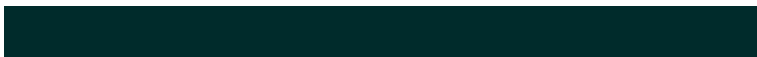
28.7742, 30.5560, 69.3468



12.7736, 14.0706, 15.9802



21.3379, 30.9375, 43.3001



1.2928, 1.8776, 2.6136

Previews

White Background



This preview shows how the XYZ color 34.7979, 24.1788, 13.8993 looks on a white background.

Color Contrast Check

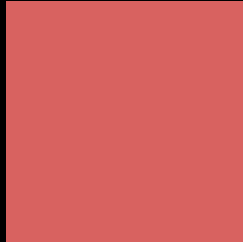
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.7979, 24.1788, 13.8993 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

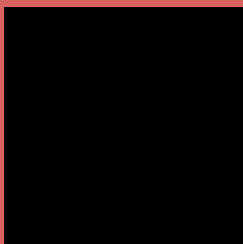
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 34.7979, 24.1788, 13.8993

Background



This preview shows how black text looks on a background with the XYZ color 34.7979, 24.1788, 13.8993.



This preview shows how white text looks on a background with the XYZ color 34.7979, 24.1788,

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

34.7979, 24.1788, 13.8993

Protanopia

22.9723, 24.3598, 19.1139

Deuteranopia

24.7713, 24.4020, 13.3020



Tritanopia

35.0418, 24.1276, 15.6421

Trichromacy



Original Color

34.7979, 24.1788, 13.8993

Protanomaly

26.1909, 23.5267, 17.0706

Deuteranomaly

27.7456, 23.6923, 13.4666

Tritanomaly

34.8938, 24.0684, 14.8632

Monochromacy



Original Color

34.7979, 24.1788, 13.8993

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

25.2109, 22.5755, 20.7981

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.7979, 24.1788, 13.8993 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(216, 98, 96)` looks like.

```
.text, #text, p{  
    color:rgb(216, 98, 96)  
}
```

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(216, 98, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 98, 96) }
```

Border

The CSS property to change the border of an element to XYZ 34.7979, 24.1788, 13.8993 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(216, 98, 96) }
```


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

```
.border{ border-color:rgb(216, 98, 96) }
```

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

Here you see how a box with a 4 pixel rgb(216, 98, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 98, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 98, 96);  
box-shadow:4px 4px 4px 4px rgb(216, 98,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 34.7979, 24.1788, 13.8993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 98, 96) }
```

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

```
.background{ background-color: rgb(216, 98,  
96) }
```

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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