

Converting Colors

XYZ(31.1279, 24.0427, 17.8326)

Have a look what the booklet for
XYZ(31.1279, 24.0427, 17.8326)
contains.

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Color

**XYZ(31.1554, 24.0134,
17.7448)**

Conversions

Conversions Part 1

Format	Color
Hex	C46E6E
RGB	196, 110, 110
RGB Percent	77%, 43%, 43%
CMY	0.2314, 0.5686, 0.5686
CMYK	0.00, 0.44, 0.44, 0.23
HSL	0°, 42%, 60%
HSV	0°, 44%, 77%
XYZ	31.1554, 24.0134, 17.7448
YIQ	135.7140, 51.2560, 18.2320

Conversions

Conversions Part 2

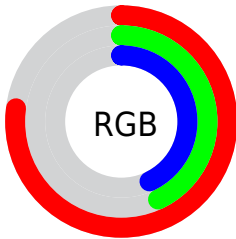
Format	Color
RYB	196, 110, 110
Decimal	12873326
CIELab	56.10, 33.97, 15.07
CIElCh	56, 37.159, 23.922
Yxy	24.0134, 0.4273, 0.3293
Android (android.graphics.Color)	4291063406 (0xFFC46E6E)
YUV	135.7140, -12.6770, 52.8708
Hunter-Lab	49.0035, 27.7306, 12.8327

Details

The XYZ color **31.1554, 24.0134, 17.7448** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **36.1332, 46.7784, 59.3494**, and the grayscale version is **23.3279, 24.5427, 26.7270**.

A 20% lighter version of the original color is **60.8588, 50.0630, 40.6379**, and **13.1605, 9.0796, 5.7615** is the 20% darker color. If you saturate the color by 10%, you get **28.3181, 19.8619, 12.1037**, and if you desaturate by 10%, it is **34.6976, 29.1970, 24.7857**.

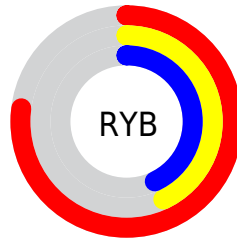
Distribution



Red (77%)

Green (43%)

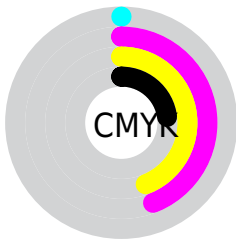
Blue (43%)



Red (77%)

Yellow (43%)

Blue (43%)

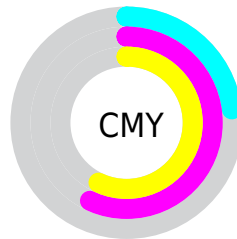


Cyan (0%)

Magenta (44%)

Yellow (44%)

Black (23%)



Cyan (23%)


Magenta (57%)


Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 31.1554, 24.0134, 17.7448 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 31.1554, 24.0134, 17.7448 by changing the saturation by 10% instead.

 31.1554, 24.0134,
17.7448

 31.1554, 24.0134,
17.7448


299.0677,
272.8882, 251.6163


 20.8696, 15.3436,
10.5994


 60.8588, 50.0521,
40.4100


 13.1406, 9.0609,
5.6874


 81.0072, 68.1897,
56.7669

 7.6031, 4.7809,
2.5902


 105.1738, 90.2520,
77.0314

 3.8917, 2.1193,
0.8874

 133.7240,
116.6235, 101.6220

 1.6411, 0.6754,
0.0000

167.0231,
147.6884, 130.9572

 0.4189, 0.0000,
0.0000

205.4365,

 0.0000, 0.0000,

183.8313, 165.4557

0.0000

249.3296,
225.4364, 205.5358

■ 31.1554, 24.0134,
17.7448

■ 31.1554, 24.0134,
17.7448

■ 28.3181, 19.8619,
12.1037

■ 34.6976, 29.1970,
24.7857

■ 26.1369, 16.6702,
7.7679

■ 38.9855, 35.4714,
33.3098

■ 24.5599, 14.3625,
4.6330


■ 44.0589, 42.8953,
43.3956


■ 23.5264, 12.8500,
2.5785

■ 49.9544, 51.5220,
55.1157


■ 22.9630, 12.0255,
1.4587

■ 56.7062, 61.4017,
68.5380

 22.7651, 11.7360,
1.0654

 64.3465, 72.5816,
83.7268

 72.9059, 85.1063,
100.7429

 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.



31.9712, 24.0134, 28.7085



31.1554, 24.0134, 17.7448



27.9926, 24.0134, 11.4059

Triad

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



31.1554, 24.0134, 17.7448



16.8260, 24.0134, 14.6269



21.9681, 24.0134, 57.0781

Complementary

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



31.1554, 24.0134, 17.7448



36.1332, 46.7784, 59.3494

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.



18.3344, 24.0134, 50.0434



31.1554, 24.0134, 17.7448



15.6126, 24.0134, 23.7417

Square

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



31.1554, 24.0134, 17.7448



19.6626, 24.0134, 10.0367



16.1285, 24.0134, 36.8530



26.3073, 24.0134, 53.9687

Rectangle

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



31.1554, 24.0134, 17.7448



25.1672, 24.0134, 9.4683



16.1285, 24.0134, 36.8530



20.6309, 24.0134, 55.7668

Sweetspot

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



31.1560, 24.0146, 17.7453



80.4866, 78.6897, 79.9484



38.3048, 26.8733, 55.3928



16.7544, 16.1506, 16.1719



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.



31.1560, 24.0146, 17.7453



51.3204, 36.0111, 21.9676



36.9708, 35.6442, 19.6835



10.0733, 10.0780, 10.4762



14.6276, 7.5409, 0.6846



0.6320, 0.3259, 0.0296

Inverse Universe

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



36.1332, 46.7784, 59.3494



61.5326, 82.7177, 107.3307



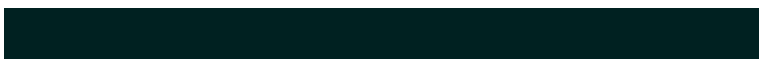
27.7856, 30.0832, 56.5668



10.3685, 11.4284, 12.9442



19.0845, 27.9254, 37.9409



0.8246, 1.2066, 1.6393

Previews

White Background



This preview shows how the XYZ color 31.1554, 24.0134, 17.7448 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 31.1554, 24.0134, 17.7448 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

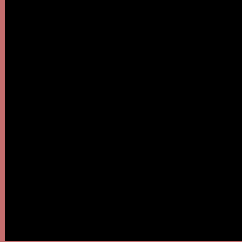
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 31.1554, 24.0134, 17.7448

Background



This preview shows how black text looks on a background with the XYZ color 31.1554, 24.0134, 17.7448.



This preview shows how white text looks on a background with the XYZ color 31.1554, 24.0134,

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

31.1554, 24.0134, 17.7448

Protanopia

22.9920, 24.3085, 21.8926

Deuteranopia

24.7370, 24.2959, 17.2957



Tritanopia

31.7055, 24.0919, 19.8088

Trichromacy



Original Color

31.1554, 24.0134, 17.7448

Protanomaly

25.2281, 23.7033, 20.3851

Deuteranomaly

26.8030, 24.0193, 17.4109

Tritanomaly

31.5319, 24.0225, 18.8945

Monochromacy



Original Color

31.1554, 24.0134, 17.7448

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

25.5207, 23.9802, 23.3622

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.1554, 24.0134, 17.7448 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, 110, 110)` looks like.

```
.text, #text, p{  
    color:rgb(196, 110, 110)  
}
```

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, 110, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 110, 110) }
```

Border

The CSS property to change the border of an element to XYZ 31.1554, 24.0134, 17.7448 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, 110, 110) }
```


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

```
.border{ border-color:rgb(196, 110, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 110, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 110, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 110, 110);  
box-shadow:4px 4px 4px 4px rgb(196, 110,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 31.1554, 24.0134, 17.7448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 110, 110) }
```

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

```
.background{ background-color: rgb(196,  
110, 110) }
```

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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