

Converting Colors

XYZ(44.7430, 55.6742, 31.1724)

Have a look what the booklet for
XYZ(44.7430, 55.6742, 31.1724)
contains.

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Color

**XYZ(44.8175, 55.7220,
31.3150)**

Conversions

Conversions Part 1

Format	Color
Hex	B1CF87
RGB	177, 207, 135
RGB Percent	69%, 81%, 53%
CMY	0.3059, 0.1882, 0.4706
CMYK	0.14, 0.00, 0.35, 0.19
HSL	85°, 43%, 67%
HSV	85°, 35%, 81%
XYZ	44.8175, 55.7220, 31.3150
YIQ	189.8220, 5.2320, -28.7520

Conversions

Conversions Part 2

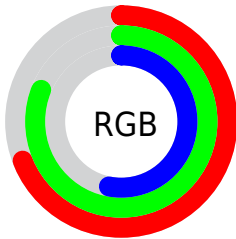
Format	Color
RYB	135, 207, 165
Decimal	11652999
CIELab	79.46, -22.28, 32.56
CIElCh	79, 39.452, 124.375
Yxy	55.7220, 0.3399, 0.4226
Android (android.graphics.Color)	4289843079 (0xFFB1CF87)
YUV	189.8220, -27.0272, -11.2449
Hunter-Lab	74.6472, -23.4627, 27.3805

Details

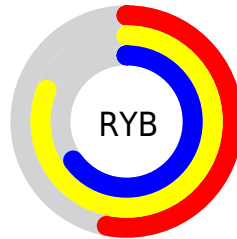
The XYZ color **44.8175, 55.7220, 31.3150** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **35.4457, 29.8338, 62.9248**, and the grayscale version is **48.9908, 51.5422, 56.1294**.

A 20% lighter version of the original color is **78.5496, 92.5178, 61.8618**, and **21.1598, 27.6335, 12.6061** is the 20% darker color. If you saturate the color by 10%, you get **41.5968, 54.2157, 24.2821**, and if you desaturate by 10%, it is **48.4487, 57.4106, 39.8485**.

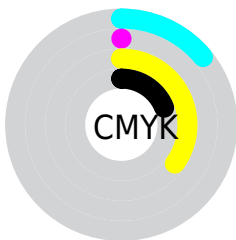
Distribution



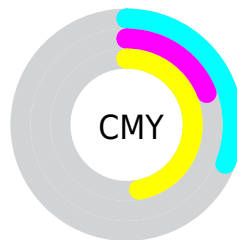
- Red (69%)
- Green (81%)
- Blue (53%)



- Red (53%)
- Yellow (81%)
- Blue (65%)



- Cyan (14%)
- Magenta (0%)
- Yellow (35%)
- Black (19%)



- Cyan (31%)
- Magenta (19%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.8175, 55.7220, 31.3150 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 44.8175, 55.7220, 31.3150 by changing the saturation by 10% instead.

■ 44.8175, 55.7220,
31.3150

■ 44.8175, 55.7220,
31.3150

356.8301,
408.6430, 322.3829

■ 31.5144, 39.9801,
20.5784

■ 81.6852, 98.5980,
62.8210

■ 21.1446, 27.5230,
12.6279

■ 105.9805,
126.5009, 84.4275

■ 13.3428, 17.9664,
7.0451

■ 134.6706,
159.2262, 110.4944

■ 7.7436, 10.9259,
3.4115

168.1208,
197.1583, 141.4401

■ 3.9818, 6.0170,
1.3084

206.6965,
240.6816, 177.6833

■ 1.6918, 2.8554,
0.0686

250.7631,

■ 0.4511, 1.0567,

290.1806, 219.6425

0.0000

300.6858,
346.0396, 267.7362

■ 0.0000, 0.0000,
0.0000

■ 44.8175, 55.7220,
31.3150

■ 44.8175, 55.7220,
31.3150

■ 41.5968, 54.2157,
24.2821

■ 48.4487, 57.4106,
39.8485

■ 38.7635, 52.8766,
18.6593

■ 52.5035, 59.2813,
49.9590

■ 36.2985, 51.6987,
14.3518


■ 56.9995, 61.3434,
61.7219


■ 34.1790, 50.6725,
11.2519


■ 61.9521, 63.6032,
75.2068


■ 32.3788, 49.7872,
9.2345


■ 67.3757, 66.0668,
90.4793

 30.8664, 49.0300,
8.1475

 72.5996, 68.4660,
103.9966

 30.1633, 48.6744,
7.8053

 75.4171, 69.9185,
104.1284

 78.3732, 71.4424,
104.2668

 81.4699, 73.0388,
104.4117

Harmonies

Analogous

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



51.8083, 55.7220, 26.7369



44.8175, 55.7220, 31.3150



40.3789, 55.7220, 43.6908

Triad

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



44.8175, 55.7220, 31.3150



46.6428, 55.7220, 109.1280



69.6513, 55.7220, 57.4036

Complementary

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



44.8175, 55.7220, 31.3150



35.4457, 29.8338, 62.9248

Split Complementary

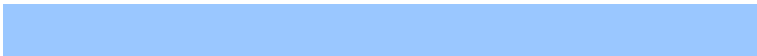
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



67.9205, 55.7220, 81.5652



44.8175, 55.7220, 31.3150



54.1329, 55.7220, 115.4034

Square

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



44.8175, 55.7220, 31.3150



41.3567, 55.7220, 88.7916



62.0381, 55.7220, 104.2785



66.5578, 55.7220, 39.2205

Rectangle

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



44.8175, 55.7220, 31.3150



39.2012, 55.7220, 56.4951



62.0381, 55.7220, 104.2785



69.6166, 55.7220, 65.0494

Sweetspot

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



44.8189, 55.7244, 31.3162



87.4109, 96.5052, 88.5156



43.5625, 41.9269, 28.7192



18.4925, 20.5565, 18.3808



0.0000, 0.0000, 0.0000



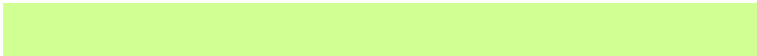
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



44.8189, 55.7244, 31.3162



67.7813, 87.4110, 41.2751



37.6722, 52.0402, 30.9817



12.3074, 13.5419, 12.5772



19.1132, 30.7222, 4.9226



1.1579, 1.7638, 0.2794

Inverse Universe

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



35.4457, 29.8338, 62.9248



50.4968, 39.6442, 99.5984



44.0160, 34.2519, 63.3259



11.6238, 11.6549, 14.8806



9.6312, 4.1454, 37.4850



0.6280, 0.2779, 2.1001

Previews

White Background



This preview shows how the XYZ color 44.8175, 55.7220, 31.3150 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 44.8175, 55.7220, 31.3150 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 ✓ Pass

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

XYZ 44.8175, 55.7220, 31.3150

Background



This preview shows how black text looks on a background with the XYZ color 44.8175, 55.7220, 31.3150.



This preview shows how white text looks on a background with the XYZ color 44.8175, 55.7220,

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

44.8175, 55.7220, 31.3150

Protanopia

51.2772, 55.2647, 29.4373

Deuteranopia

56.5751, 55.3229, 32.1227



Tritanopia

52.7155, 55.4280, 70.8711

Trichromacy



Original Color

44.8175, 55.7220, 31.3150

Protanomaly

48.6386, 55.2539, 29.9313

Deuteranomaly

51.5431, 55.0113, 31.9464

Tritanomaly

49.4108, 55.4664, 54.0008

Monochromacy



Original Color

44.8175, 55.7220, 31.3150

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

47.0032, 52.6964, 45.7243

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.8175, 55.7220, 31.3150 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(177, 207, 135)` looks like.

```
.text, #text, p{  
    color:rgb(177, 207, 135)  
}
```

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(177, 207, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 207, 135) }
```

Border

The CSS property to change the border of an element to XYZ 44.8175, 55.7220, 31.3150 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(177, 207, 135) }
```


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

```
.border{ border-color:rgb(177, 207, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 207, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 207, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 207, 135);  
box-shadow:4px 4px 4px 4px rgb(177, 207,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 44.8175, 55.7220, 31.3150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 207, 135) }
```

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

```
.background{ background-color: rgb(177,  
207, 135) }
```

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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