

Converting Colors

XYZ(31.2628, 41.6105, 22.6732)

Have a look what the booklet for
XYZ(31.2628, 41.6105, 22.6732)
contains.

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Color

**XYZ(31.2587, 41.5112,
22.5846)**

Conversions

Conversions Part 1

Format	Color
Hex	8CB973
RGB	140, 185, 115
RGB Percent	55%, 73%, 45%
CMY	0.4510, 0.2745, 0.5490
CMYK	0.24, 0.00, 0.38, 0.27
HSL	99°, 33%, 59%
HSV	99°, 38%, 73%
XYZ	31.2587, 41.5112, 22.5846
YIQ	163.5650, -4.3500, -31.3100

Conversions

Conversions Part 2

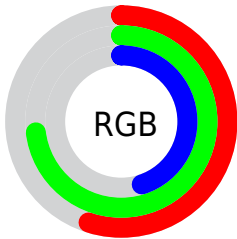
Format	Color
RYB	115, 185, 160
Decimal	9222515
CIELab	70.53, -27.86, 30.80
CIELCh	71, 41.532, 132.123
Yxy	41.5112, 0.3278, 0.4353
Android (android.graphics.Color)	4287412595 (0xFF8CB973)
YUV	163.5650, -23.9425, -20.6665
Hunter-Lab	64.4292, -26.1494, 24.3173

Details

The XYZ color **31.2587, 41.5112, 22.5846** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **29.3867, 23.2391, 48.8380**, and the grayscale version is **35.1924, 37.0251, 40.3204**.

A 20% lighter version of the original color is **61.0289, 77.3398, 48.7573**, and **13.2591, 18.9706, 8.1171** is the 20% darker color. If you saturate the color by 10%, you get **28.4025, 40.1509, 17.4407**, and if you desaturate by 10%, it is **34.5474, 43.0722, 28.8657**.

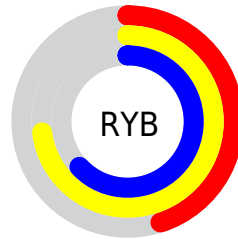
Distribution



Red (55%)

Green (73%)

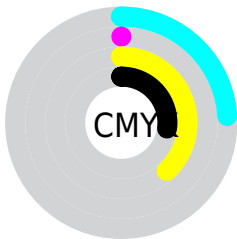
Blue (45%)



Red (45%)

Yellow (73%)

Blue (63%)

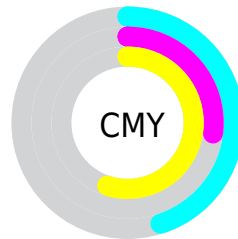


Cyan (24%)

Magenta (0%)

Yellow (38%)

Black (27%)



Cyan (45%)

Magenta (27%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.2587, 41.5112, 22.5846 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 31.2587, 41.5112, 22.5846 by changing the saturation by 10% instead.

■ 31.2587, 41.5112,
22.5846

■ 31.2587, 41.5112,
22.5846

299.5340,
352.4527, 278.6366

■ 20.9487, 28.7187,
14.0847

■ 61.0202, 77.4593,
48.6248

■ 13.1988, 18.8682,
8.0402

■ 81.2025, 101.3837,
67.0023

■ 7.6435, 11.5751,
4.0325

■ 105.4062,
129.7876, 89.5092

■ 3.9176, 6.4550,
1.6432

133.9967,
163.0554, 116.5643

■ 1.6556, 3.1237,
0.3214

167.3394,
201.5713, 148.5861

■ 0.4282, 1.1966,
0.0000

205.7996,

■ 0.0000, 0.0590,

245.7200, 185.9930

0.0000

249.7427,
295.8856, 229.2037

■ 0.0000, 0.0000,
0.0000

■ 31.2587, 41.5112,
22.5846

■ 31.2587, 41.5112,
22.5846

■ 28.4025, 40.1509,
17.4407

■ 34.5474, 43.0722,
28.8657

■ 25.9558, 38.9773,
13.3633

■ 38.2837, 44.8367,
36.3436

■ 23.8983, 37.9828,
10.2779


■ 42.4858, 46.8141,
45.0771


■ 22.2063, 37.1570,
8.0995


■ 47.1701, 49.0115,
55.1202


■ 20.8529, 36.4882,
6.7285


■ 52.3519, 51.4357,
66.5239


 19.8004, 35.9604,
6.0123

 58.0460, 54.0934,
79.3365

 19.6011, 35.8602,
5.8886

 64.2663, 56.9908,
93.6036

 69.7104, 59.6074,
102.4390

 73.7731, 61.7018,
102.6291

Harmonies

Analogous

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



36.7513, 41.5112, 17.4269



31.2587, 41.5112, 22.5846



28.1938, 41.5112, 34.5736

Triad

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



31.2587, 41.5112, 22.5846



35.5460, 41.5112, 91.4811



53.7950, 41.5112, 37.7256

Complementary

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



31.2587, 41.5112, 22.5846



29.3867, 23.2391, 48.8380

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.



53.3751, 41.5112, 57.8039



31.2587, 41.5112, 22.5846



42.2884, 41.5112, 93.0590

Square

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



31.2587, 41.5112, 22.5846



30.4646, 41.5112, 75.5379



48.9721, 41.5112, 79.3738



50.0604, 41.5112, 24.3138

Rectangle

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



31.2587, 41.5112, 22.5846



27.6954, 41.5112, 46.6117



48.9721, 41.5112, 79.3738



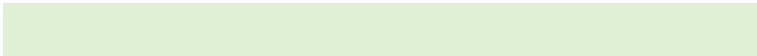
54.1461, 41.5112, 43.8144

Sweetspot

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



31.2597, 41.5130, 22.5855



73.4785, 82.6128, 75.2458



35.5593, 36.4649, 21.3845



15.6206, 17.7062, 15.7629



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



31.2597, 41.5130, 22.5855



51.8798, 72.3907, 33.0091



28.0797, 39.8084, 25.3841



9.1849, 10.2120, 9.5939



13.4188, 24.4540, 4.0128



0.5418, 0.8975, 0.1447

Inverse Universe

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



29.3867, 23.2391, 48.8380



48.0485, 35.1738, 86.4614



33.9434, 25.6983, 44.0748



9.0614, 8.9980, 11.3386



11.2184, 5.0945, 31.6451



0.4603, 0.2130, 1.1186

Previews

White Background



This preview shows how the XYZ color 31.2587, 41.5112, 22.5846 looks on a white background.

Color Contrast Check

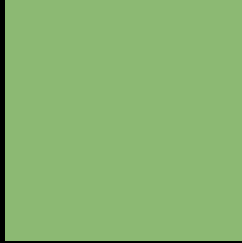
Large Text (above 18pt) WCAG AA × Fail

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 31.2587, 41.5112, 22.5846 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 31.2587, 41.5112, 22.5846

Background



This preview shows how black text looks on a background with the XYZ color 31.2587, 41.5112, 22.5846.



This preview shows how white text looks on a background with the XYZ color 31.2587, 41.5112,

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

31.2587, 41.5112, 22.5846

Protanopia

38.0605, 41.1956, 20.6974

Deuteranopia

42.0221, 41.2455, 23.5157



Tritanopia

37.7685, 41.4438, 54.7240

Trichromacy



Original Color

31.2587, 41.5112, 22.5846

Protanomaly

35.2243, 41.1602, 21.4174

Deuteranomaly

37.0786, 40.6368, 23.0290

Tritanomaly

34.9437, 41.1804, 40.7572

Monochromacy



Original Color

31.2587, 41.5112, 22.5846

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

33.4584, 38.5489, 32.8714

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.2587, 41.5112, 22.5846 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(140, 185, 115)` looks like.

```
.text, #text, p{  
    color:rgb(140, 185, 115)  
}
```

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(140, 185, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 185, 115) }
```

Border

The CSS property to change the border of an element to XYZ 31.2587, 41.5112, 22.5846 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(140, 185, 115) }
```


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

```
.border{ border-color:rgb(140, 185, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 185, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 185, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 185, 115);  
box-shadow:4px 4px 4px 4px rgb(140, 185,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 31.2587, 41.5112, 22.5846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 185, 115) }
```

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

```
.background{ background-color: rgb(140,  
185, 115) }
```

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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