

Converting Colors

XYZ(30.0513, 40.1335, 26.5820)

Have a look what the booklet for
XYZ(30.0513, 40.1335, 26.5820)
contains.

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Color

**XYZ(30.0357, 40.1713,
26.5929)**

Conversions

Conversions Part 1

Format	Color
Hex	82B780
RGB	130, 183, 128
RGB Percent	51%, 72%, 50%
CMY	0.4902, 0.2823, 0.4980
CMYK	0.29, 0.00, 0.30, 0.28
HSL	118°, 28%, 61%
HSV	118°, 30%, 72%
XYZ	30.0357, 40.1713, 26.5929
YIQ	160.8830, -13.9330, -28.3410

Conversions

Conversions Part 2

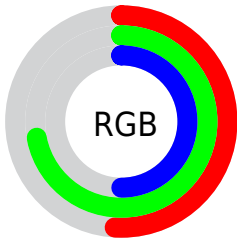
Format	Color
R _Y B	128, 183, 181
Decimal	8566656
CIE Lab	69.59, -28.36, 22.56
CIE LCh	70, 36.237, 141.505
Yxy	40.1713, 0.3103, 0.4150
Android (android.graphics.Color)	4286756736 (0xFF82B780)
YUV	160.8830, -16.2113, -27.0844
Hunter-Lab	63.3808, -26.3267, 19.4901

Details

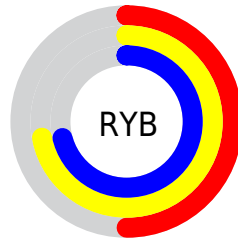
The XYZ color **30.0357, 40.1713, 26.5929** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **35.3242, 28.6822, 48.4763**, and the grayscale version is **33.9003, 35.6658, 38.8400**.

A 20% lighter version of the original color is **58.9742, 75.2595, 55.1343**, and **12.5822, 18.1776, 10.0532** is the 20% darker color. If you saturate the color by 10%, you get **26.4612, 38.4566, 20.6950**, and if you desaturate by 10%, it is **34.2932, 42.2153, 33.6585**.

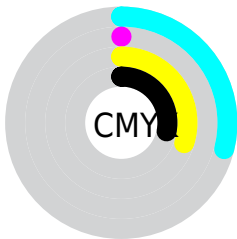
Distribution



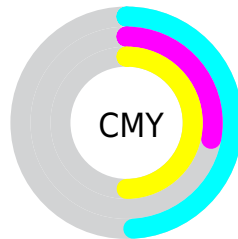
- Red (51%)
- Green (72%)
- Blue (50%)



- Red (50%)
- Yellow (72%)
- Blue (71%)



- Cyan (29%)
- Magenta (0%)
- Yellow (30%)
- Black (28%)



- Cyan (49%)
- Magenta (28%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.0357, 40.1713, 26.5929 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 30.0357, 40.1713, 26.5929 by changing the saturation by 10% instead.

■ 30.0357, 40.1713,
26.5929

■ 30.0357, 40.1713,
26.5929

293.9777,
346.8450, 299.3781

■ 20.0139, 27.6721,
17.0380

■ 59.1049, 75.4243,
55.2257

■ 12.5135, 18.0787,
10.0993

■ 78.8829, 98.9469,
75.1406

■ 7.1691, 11.0065,
5.3584

■ 102.6438,
126.9128, 99.3460

■ 3.6153, 6.0712,
2.3967

130.7529,
159.7063, 128.2603

■ 1.4869, 2.8884,
0.7846

163.5754,
197.7119, 162.3022

■ 0.3169, 1.0738,
0.0000

201.4768,

■ 0.0000, 0.0000,

241.3140, 201.8901

0.0000

244.8224,
290.8969, 247.4425

■ 30.0357, 40.1713,
26.5929

■ 30.0357, 40.1713,
26.5929

■ 26.4612, 38.4566,
20.6950

■ 34.2932, 42.2153,
33.6585

■ 23.5313, 37.0493,
15.8995

■ 39.2633, 44.5992,
41.9471

■ 21.2085, 35.9327,
12.1388


■ 44.9777, 47.3392,
51.5137


■ 19.4501, 35.0864,
9.3366


■ 51.4653, 50.4493,
62.4091


■ 18.2081, 34.4875,
7.4065

■ 58.7534, 53.9423,
74.6814

 17.4263, 34.1094,
6.2462

 66.8679, 57.8309,
88.3763

 17.0175, 33.9115,
5.6487

 75.6555, 62.0553,
102.5981

 76.2243, 62.3485,
102.6248

Harmonies

Analogous

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



34.2041, 40.1713, 20.0887



30.0357, 40.1713, 26.5929



28.1003, 40.1713, 39.1503

Triad

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



30.0357, 40.1713, 26.5929



36.5436, 40.1713, 83.9733



49.6348, 40.1713, 32.9594

Complementary

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



30.0357, 40.1713, 26.5929



35.3242, 28.6822, 48.4763

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.



50.4248, 40.1713, 48.6744



30.0357, 40.1713, 26.5929



42.4562, 40.1713, 81.0883

Square

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



30.0357, 40.1713, 26.5929



31.5980, 40.1713, 74.1150



47.6813, 40.1713, 67.0175



45.6215, 40.1713, 23.0575

Rectangle

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



30.0357, 40.1713, 26.5929



28.1840, 40.1713, 50.4861



47.6813, 40.1713, 67.0175



50.3014, 40.1713, 37.6228

Sweetspot

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



30.0367, 40.1730, 26.5938



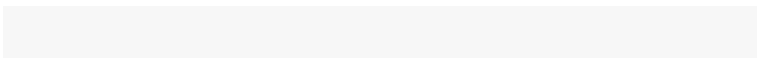
71.1885, 80.2909, 76.5803



39.7983, 44.3714, 26.8897



15.4157, 17.5863, 16.4001



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.



30.0367, 40.1730, 26.5938



49.4711, 69.8715, 40.4888



31.5660, 40.7496, 36.2318



8.9197, 10.0753, 9.5815



11.8839, 23.6627, 3.9410



0.4292, 0.8395, 0.1394

Inverse Universe

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



35.3242, 28.6822, 48.4763



60.4470, 46.0074, 85.9301



33.4421, 27.9839, 36.1009



9.3478, 9.1457, 11.3520



18.5213, 8.8593, 31.9869



0.6630, 0.3175, 1.1281

Previews

White Background



This preview shows how the XYZ color 30.0357, 40.1713, 26.5929 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 30.0357, 40.1713, 26.5929 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 30.0357, 40.1713, 26.5929

Background



This preview shows how black text looks on a background with the XYZ color 30.0357, 40.1713, 26.5929.



This preview shows how white text looks on a background with the XYZ color 30.0357, 40.1713,

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

30.0357, 40.1713, 26.5929

Protanopia

36.9922, 39.7262, 24.1306

Deuteranopia

40.5508, 39.8661, 27.3875



Tritanopia

35.4998, 39.9968, 53.9932

Trichromacy



Original Color

30.0357, 40.1713, 26.5929

Protanomaly

33.8784, 39.5139, 24.9101

Deuteranomaly

35.7050, 39.2724, 27.1712

Tritanomaly

33.2120, 39.9492, 42.5197

Monochromacy



Original Color

30.0357, 40.1713, 26.5929

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

32.1905, 37.0299, 33.8846

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.0357, 40.1713, 26.5929 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(130, 183, 128)` looks like.

```
.text, #text, p{  
    color:rgb(130, 183, 128)  
}
```

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(130, 183, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 183, 128) }
```

Border

The CSS property to change the border of an element to XYZ 30.0357, 40.1713, 26.5929 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(130, 183, 128) }
```


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

```
.border{ border-color:rgb(130, 183, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 183, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 183, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 183, 128);  
box-shadow:4px 4px 4px 4px rgb(130, 183,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 30.0357, 40.1713, 26.5929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 183, 128) }
```

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

```
.background{ background-color: rgb(130,  
183, 128) }
```

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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