

Converting Colors

XYZ(30.8214, 40.5764, 26.6296)

Have a look what the booklet for
XYZ(30.8214, 40.5764, 26.6296)
contains.

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Color

**XYZ(30.8214, 40.5764,
26.6296)**

Conversions

Conversions Part 1

Format	Color
Hex	87B780
RGB	135, 183, 128
RGB Percent	53%, 72%, 50%
CMY	0.4706, 0.2823, 0.4980
CMYK	0.26, 0.00, 0.30, 0.28
HSL	112°, 28%, 61%
HSV	112°, 30%, 72%
XYZ	30.8214, 40.5764, 26.6296
YIQ	162.3780, -10.9530, -27.2810

Conversions

Conversions Part 2

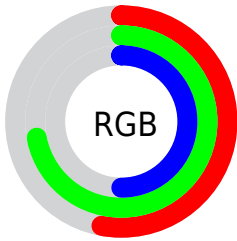
Format	Color
RYB	128, 183, 176
Decimal	8894336
CIELab	69.88, -26.65, 22.99
CIELCh	70, 35.200, 139.217
Yxy	40.5764, 0.3144, 0.4139
Android (android.graphics.Color)	4287084416 (0xFF87B780)
YUV	162.3780, -16.9484, -24.0105
Hunter-Lab	63.6996, -25.1061, 19.8036

Details

The XYZ color **30.8214, 40.5764, 26.6296** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **34.1727, 28.0886, 48.4225**, and the grayscale version is **34.6016, 36.4035, 39.6435**.

A 20% lighter version of the original color is **60.1933, 75.8880, 55.1914**, and **13.0139, 18.4001, 10.0734** is the 20% darker color. If you saturate the color by 10%, you get **27.3442, 38.9119, 20.7363**, and if you desaturate by 10%, it is **34.9035, 42.5300, 33.6870**.

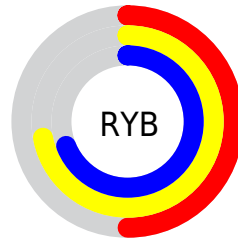
Distribution



Red (53%)

Green (72%)

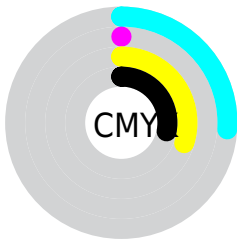
Blue (50%)



Red (50%)

Yellow (72%)

Blue (69%)

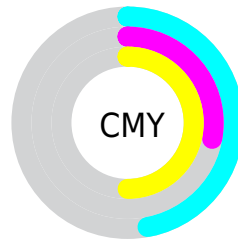


Cyan (26%)

Magenta (0%)

Yellow (30%)

Black (28%)



Cyan (47%)


Magenta (28%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.8214, 40.5764, 26.6296 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 30.8214, 40.5764, 26.6296 by changing the saturation by 10% instead.


 30.8214, 40.5764,
26.6296


 30.8214, 40.5764,
26.6296


297.5563,
348.5471, 299.5624


 20.6140, 27.9882,
17.0653


 60.3365, 76.0404,
55.2854

 12.9530, 18.3168,
10.1186


 80.3750, 99.6851,
75.2140

 7.4730, 11.1777,
5.3710

 104.4213,
127.7841, 99.4343

 3.8086, 6.1865,
2.4040

132.8406,
160.7217, 128.3651

 1.5944, 2.9588,
0.7886

165.9984,
198.8824, 162.4247

 0.3888, 1.1103,
0.0000

204.2601,

 0.0000, 0.0000,

242.6506, 202.0318

0.0000

247.9909,
292.4107, 247.6049

■ 30.8214, 40.5764,
26.6296

■ 30.8214, 40.5764,
26.6296

■ 27.3442, 38.9119,
20.7363

■ 34.9035, 42.5300,
33.6870

■ 24.4400, 37.5178,
15.9420

■ 39.6142, 44.7802,
41.9634

■ 22.0787, 36.3813,
12.1794


■ 44.9799, 47.3404,
51.5137


■ 20.2260, 35.4864,
9.3729


■ 51.0242, 50.2220,
62.3883


■ 18.8438, 34.8153,
7.4362


■ 57.7700, 53.4355,
74.6353

 17.8883, 34.3476,
6.2678

 65.2387, 56.9910,
88.3000

 17.2943, 34.0542,
5.6616

 73.2726, 60.8270,
102.4866

 76.2243, 62.3486,
102.6248

Harmonies

Analogous

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



35.0575, 40.5764, 20.6066



30.8214, 40.5764, 26.6296



28.7369, 40.5764, 38.5440

Triad

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



30.8214, 40.5764, 26.6296



36.5446, 40.5764, 82.9249



49.9165, 40.5764, 34.6000

Complementary

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



30.8214, 40.5764, 26.6296



34.1727, 28.0886, 48.4225

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.



50.4156, 40.5764, 50.3420



30.8214, 40.5764, 26.6296



42.3025, 40.5764, 81.1134

Square

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



30.8214, 40.5764, 26.6296



31.8172, 40.5764, 72.5916



47.5116, 40.5764, 68.1241



46.2089, 40.5764, 24.3593

Rectangle

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



30.8214, 40.5764, 26.6296



28.6940, 40.5764, 49.4223



47.5116, 40.5764, 68.1241



50.4780, 40.5764, 39.3236

Sweetspot

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



30.8225, 40.5781, 26.6305



71.7672, 80.5892, 76.6074



38.8866, 42.5479, 26.5857



15.5610, 17.6612, 16.4069



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.



30.8225, 40.5781, 26.6305



51.0073, 70.6635, 40.5607



31.1954, 40.6014, 34.2799



8.9938, 10.1134, 9.5850



12.0974, 23.7727, 3.9510



0.4611, 0.8559, 0.1409

Inverse Universe

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



34.1727, 28.0886, 48.4225



57.9539, 44.7222, 85.8134



33.8450, 28.1450, 38.2223



9.2655, 9.1032, 11.3482



16.0766, 7.5990, 31.8725



0.5984, 0.2842, 1.1251

Previews

White Background



This preview shows how the XYZ color 30.8214, 40.5764, 26.6296 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 30.8214, 40.5764, 26.6296 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

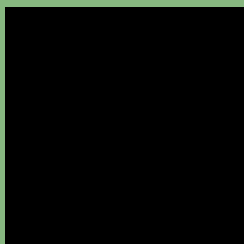
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.8214, 40.5764, 26.6296

Background



This preview shows how black text looks on a background with the XYZ color 30.8214, 40.5764, 26.6296.



This preview shows how white text looks on a background with the XYZ color 30.8214, 40.5764,

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

30.8214, 40.5764, 26.6296

Protanopia

37.4160, 40.2219, 24.2039

Deuteranopia

40.8152, 40.0024, 27.3998



Tritanopia

36.3693, 40.4451, 54.0339

Trichromacy



Original Color

30.8214, 40.5764, 26.6296

Protanomaly

34.6939, 40.2222, 25.0039

Deuteranomaly

36.3760, 39.6183, 27.2026

Tritanomaly

34.0508, 40.3816, 42.5590

Monochromacy



Original Color

30.8214, 40.5764, 26.6296

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

32.8286, 37.6269, 34.3866

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.8214, 40.5764, 26.6296 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(135, 183, 128)` looks like.

```
.text, #text, p{  
    color:rgb(135, 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(135, 183, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 183, 128) }
```

Border

The CSS property to change the border of an element to XYZ 30.8214, 40.5764, 26.6296 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(135, 183, 128) }
```


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

```
.border{ border-color:rgb(135, 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(135, 183, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 183, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 183, 128);  
box-shadow:4px 4px 4px 4px rgb(135, 183,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 30.8214, 40.5764, 26.6296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 183, 128) }
```

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

```
.background{ background-color: rgb(135,  
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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