

Converting Colors

XYZ(34.2621, 50.7605, 26.8767)

Have a look what the booklet for
XYZ(34.2621, 50.7605, 26.8767)
contains.

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Color

**XYZ(34.1571, 50.6794,
26.7207)**

Conversions

Conversions Part 1

Format	Color
Hex	7AD07B
RGB	122, 208, 123
RGB Percent	48%, 82%, 48%
CMY	0.5216, 0.1843, 0.5176
CMYK	0.41, 0.00, 0.41, 0.18
HSL	121°, 48%, 65%
HSV	121°, 41%, 82%
XYZ	34.1571, 50.6794, 26.7207
YIQ	172.5960, -23.9710, -44.6670

Conversions

Conversions Part 2

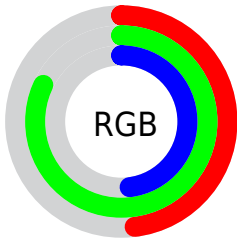
Format	Color
RYB	122, 207, 208
Decimal	8048763
CIELab	76.48, -43.16, 34.24
CIElCh	76, 55.091, 141.573
Yxy	50.6794, 0.3062, 0.4543
Android (android.graphics.Color)	4286238843 (0xFF7AD07B)
YUV	172.5960, -24.4508, -44.3727
Hunter-Lab	71.1895, -38.9363, 27.5783

Details

The XYZ color **34.1571, 50.6794, 26.7207** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **44.2361, 31.8350, 62.8467**, and the grayscale version is **39.6451, 41.7097, 45.4219**.

A 20% lighter version of the original color is **61.9566, 84.1196, 54.0455**, and **14.9086, 24.4568, 10.2382** is the 20% darker color. If you saturate the color by 10%, you get **30.3666, 48.8602, 20.5166**, and if you desaturate by 10%, it is **38.8508, 52.9359, 34.3798**.

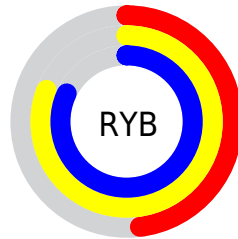
Distribution



Red (48%)

Green (82%)

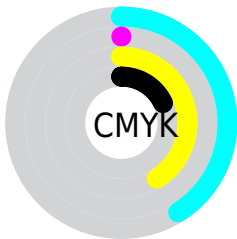
Blue (48%)



Red (48%)

Yellow (81%)

Blue (82%)

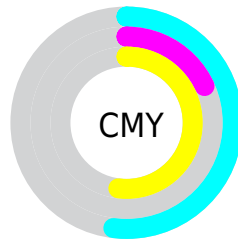


Cyan (41%)

Magenta (0%)

Yellow (41%)

Black (18%)



Cyan (52%)

Magenta (18%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.1571, 50.6794, 26.7207 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 34.1571, 50.6794, 26.7207 by changing the saturation by 10% instead.

■ 34.1571, 50.6794,
26.7207

■ 34.1571, 50.6794,
26.7207

312.4056,
389.3169, 300.0195

■ 23.1778, 35.9535,
17.1330

■ 65.5206, 91.1807,
55.4336

■ 14.8462, 24.3983,
10.1664

■ 86.6354, 117.7249,
75.3959

■ 8.7972, 15.6293,
5.4024

■ 111.8595,
148.9774, 99.6535

■ 4.6652, 9.2623,
2.4224

141.5581,
185.3224, 128.6249

■ 2.0849, 4.9126,
0.7986

176.0967,
227.1445, 162.7287

■ 0.6810, 2.1961,
0.0000

215.8406,

■ 0.0000, 0.7179,

274.8280, 202.3833

0.0000

261.1551,
328.7574, 248.0074

■ 0.0000, 0.0000,
0.0000

■ 34.1571, 50.6794,
26.7207

■ 34.1571, 50.6794,
26.7207

■ 30.3666, 48.8602,
20.5166

■ 38.8508, 52.9359,
34.3798

■ 27.4177, 47.4442,
15.6724

■ 44.4963, 55.6486,
43.5743

■ 25.2474, 46.4025,
12.0872


■ 51.1435, 58.8430,
54.3827


■ 23.7822, 45.6997,
9.6442

■ 58.8376, 62.5409,
66.8772

■ 22.9345, 45.2936,
8.2055

■ 67.6211, 66.7627,
81.1256

 22.5701, 45.1191,
7.5888

 77.5341, 71.5277,
97.1920

 81.8469, 73.5938,
104.4990

Harmonies

Analogous

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



41.1933, 50.6794, 17.2522



34.1571, 50.6794, 26.7207



30.9919, 50.6794, 47.2164

Triad

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



34.1571, 50.6794, 26.7207



45.3013, 50.6794, 133.2958



69.2298, 50.6794, 36.7104

Complementary

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



34.1571, 50.6794, 26.7207



44.2361, 31.8350, 62.8467

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.



70.7477, 50.6794, 63.9950



34.1571, 50.6794, 26.7207



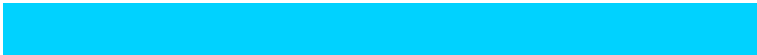
55.8914, 50.6794, 127.2876

Square

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



34.1571, 50.6794, 26.7207



36.7927, 50.6794, 113.2076



65.5689, 50.6794, 98.9080



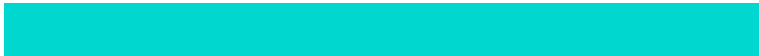
61.6780, 50.6794, 21.4086

Rectangle

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



34.1571, 50.6794, 26.7207



31.1340, 50.6794, 67.4685



65.5689, 50.6794, 98.9080



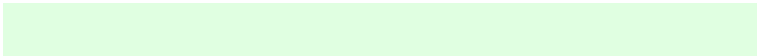
70.5020, 50.6794, 44.4845

Sweetspot

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



34.1584, 50.6815, 26.7218



80.1820, 92.8542, 84.7565



52.0834, 59.9294, 27.2352



16.8478, 19.7235, 17.6303



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.



34.1584, 50.6815, 26.7218



48.5485, 77.6551, 33.1935



37.3749, 51.9681, 43.6596



11.6618, 13.2085, 12.5756



14.0688, 28.1205, 4.7425



0.7886, 1.5731, 0.2757

Inverse Universe

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



44.2361, 31.8350, 62.8467



66.7060, 43.6930, 98.2777



39.7650, 30.0466, 39.3023



12.3046, 12.0066, 14.8800



23.1267, 11.1235, 37.1687



1.2951, 0.6227, 2.0885

Previews

White Background



This preview shows how the XYZ color 34.1571, 50.6794, 26.7207 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 34.1571, 50.6794, 26.7207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

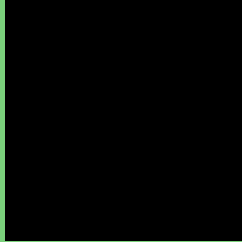
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.1571, 50.6794, 26.7207

Background



This preview shows how black text looks on a background with the XYZ color 34.1571, 50.6794, 26.7207.

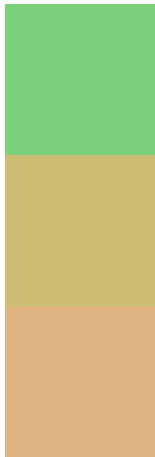


This preview shows how white text looks on a background with the XYZ color 34.1571, 50.6794,

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

34.1571, 50.6794, 26.7207

Protanopia

46.2546, 50.1834, 23.4681

Deuteranopia

51.0910, 50.1015, 28.0969



Tritanopia

42.7917, 50.3120, 70.4066

Trichromacy



Original Color

34.1571, 50.6794, 26.7207



Protanomaly

40.4643, 49.4522, 24.5521



Deuteranomaly

42.7377, 48.9240, 27.2694



Tritanomaly

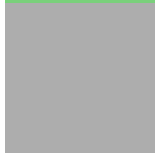
38.7977, 50.0551, 50.7968

Monochromacy



Original Color

34.1571, 50.6794, 26.7207



Achromatopsia

39.7200, 41.7885, 45.5077



Achromatomaly

36.8017, 44.3544, 37.6319

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.1571, 50.6794, 26.7207 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(122, 208, 123)` looks like.

```
.text, #text, p{  
    color:rgb(122, 208, 123)  
}
```

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(122, 208, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 208, 123) }
```

Border

The CSS property to change the border of an element to XYZ 34.1571, 50.6794, 26.7207 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(122, 208, 123) }
```


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

```
.border{ border-color:rgb(122, 208, 123) }
```

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

Here you see how a box with a 4 pixel rgb(122, 208, 123) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 208, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 208, 123);  
box-shadow:4px 4px 4px 4px rgb(122, 208,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 34.1571, 50.6794, 26.7207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 208, 123) }
```

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

```
.background{ background-color: rgb(122,  
208, 123) }
```

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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