

Converting Colors

XYZ(17.9521, 34.7013, 6.4112)

Have a look what the booklet for
XYZ(17.9521, 34.7013, 6.4112)
contains.

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Color

**XYZ(17.9264, 34.6716,
6.4093)**

Conversions

Conversions Part 1

Format	Color
Hex	22B814
RGB	34, 184, 20
RGB Percent	13%, 72%, 8%
CMY	0.8667, 0.2784, 0.9215
CMYK	0.82, 0.00, 0.89, 0.28
HSL	115°, 80%, 40%
HSV	115°, 89%, 72%
XYZ	17.9264, 34.6716, 6.4093
YIQ	120.4540, -36.7560, -82.8040

Conversions

Conversions Part 2

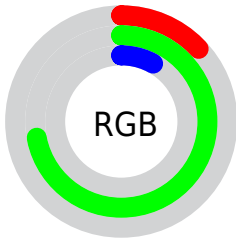
Format	Color
RYB	20, 184, 170
Decimal	2275348
CIELab	65.49, -64.52, 62.70
CIELCh	65, 89.969, 135.818
Yxy	34.6716, 0.3038, 0.5876
Android (android.graphics.Color)	4280465428 (0xFF22B814)
YUV	120.4540, -49.5238, -75.8202
Hunter-Lab	58.8826, -48.7014, 34.7642

Details

The XYZ color **17.9264, 34.6716, 6.4093** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **25.4839, 12.5096, 46.4208**, and the grayscale version is **18.1617, 19.1075, 20.8080**.

A 20% lighter version of the original color is **39.3622, 66.8019, 19.2070**, and **7.8503, 15.7005, 2.6168** is the 20% darker color. If you saturate the color by 10%, you get **17.3842, 34.4067, 5.7712**, and if you desaturate by 10%, it is **18.8544, 35.1244, 7.6547**.

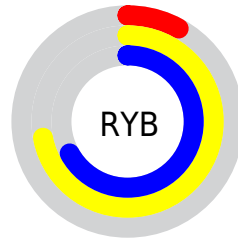
Distribution



Red (13%)

Green (72%)

Blue (8%)



Red (8%)

Yellow (72%)

Blue (67%)

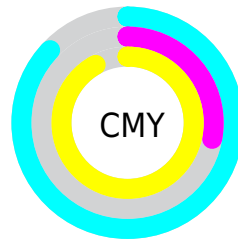


Cyan (82%)

Magenta (0%)

Yellow (89%)

Black (28%)



Cyan (87%)


Magenta (28%)


Yellow (92%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 17.9264, 34.6716, 6.4093 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 17.9264, 34.6716, 6.4093 by changing the saturation by 10% instead.


 17.9264, 34.6716,
6.4093


 17.9264, 34.6716,
6.4093


233.5095,
323.1164, 172.1013


 10.9965, 23.4100,
3.0227


 39.4429, 66.9767,
19.2668


 6.1318, 14.8966,
1.1063


 54.7603, 88.7890,
29.5749

 2.9668, 8.7468,
0.0000


 73.6042, 114.8870,
43.0272

 1.1362, 4.5764,
0.0000

 96.3401, 145.6551,
60.0423

 0.0551, 2.0009,
0.0000

 123.3331,
181.4777, 81.0387

 0.0000, 0.6080,
0.0000

 154.9488,

 0.0000, 0.0000,

222.7392, 106.4350

0.0000

191.5525,
269.8240, 136.6497

■ 17.9264, 34.6716,
6.4093

■ 17.9264, 34.6716,
6.4093

■ 17.3842, 34.4067,
5.7712

■ 18.8544, 35.1244,
7.6547

■ 17.3497, 34.3899,
5.7235

■ 20.2353, 35.7927,
9.6886

■ 22.1188, 36.7009,
12.6131

■ 24.5472, 37.8690,
16.5146

■ 27.5586, 39.3149,
21.4692

■ 31.1875, 41.0549,
27.5457

■ 35.4656, 43.1041,
34.8068

■ 40.4226, 45.4764,
43.3107

■ 46.0863, 48.1851,
53.1117

Harmonies

Analogous

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



26.5227, 34.6716, 2.1361



17.9264, 34.6716, 6.4093



13.9958, 34.6716, 22.6251

Triad

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



17.9264, 34.6716, 6.4093



27.1314, 34.6716, 160.7448



63.8148, 34.6716, 21.2335

Complementary

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



17.9264, 34.6716, 6.4093



25.4839, 12.5096, 46.4208

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.



64.1059, 34.6716, 58.4530



17.9264, 34.6716, 6.4093



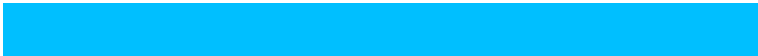
40.3497, 34.6716, 159.3415

Square

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



17.9264, 34.6716, 6.4093



18.2691, 34.6716, 117.2949



54.6532, 34.6716, 114.2060



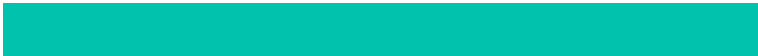
53.9403, 34.6716, 5.9709

Rectangle

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



17.9264, 34.6716, 6.4093



13.6366, 34.6716, 45.5899



54.6532, 34.6716, 114.2060



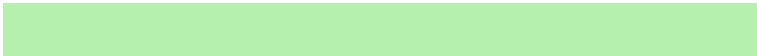
65.1105, 34.6716, 30.8673

Sweetspot

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



17.9272, 34.6730, 6.4101



57.7470, 75.0016, 51.9808



33.8241, 38.1007, 6.2338



11.9277, 15.9190, 10.3269



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.



17.9272, 34.6730, 6.4101



31.3694, 62.2971, 10.3712



19.0939, 35.0969, 14.4897



8.9595, 10.0957, 9.5834



11.9830, 23.7138, 3.9456



0.4464, 0.8483, 0.1402

Inverse Universe

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



25.4839, 12.5096, 46.4208



44.9746, 21.3735, 83.9597



23.3126, 12.0092, 18.3559



9.3034, 9.1228, 11.3500



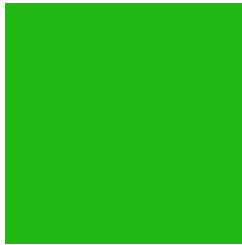
17.1669, 8.1610, 31.9235



0.6275, 0.2992, 1.1264

Previews

White Background



This preview shows how the XYZ color 17.9264, 34.6716, 6.4093 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 17.9264, 34.6716, 6.4093 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

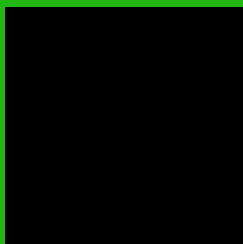
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 17.9264, 34.6716, 6.4093

Background



This preview shows how black text looks on a background with the XYZ color 17.9264, 34.6716, 6.4093.



This preview shows how white text looks on a background with the XYZ color 17.9264, 34.6716,

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

17.9264, 34.6716, 6.4093

Protanopia

30.6308, 33.9362, 5.1657

Deuteranopia

34.6497, 34.0003, 7.1194



Tritanopia

26.8871, 34.4676, 51.1348

Trichromacy



Original Color

17.9264, 34.6716, 6.4093



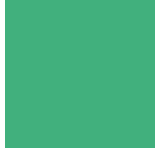
Protanomaly

22.4893, 32.0996, 5.3584



Deuteranomaly

23.7049, 31.3653, 6.3948



Tritanomaly

21.4070, 33.6552, 24.7699

Monochromacy



Original Color

17.9264, 34.6716, 6.4093



Achromatopsia

17.8524, 18.7821, 20.4537



Achromatomaly

15.5425, 22.4089, 11.8937

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.9264, 34.6716, 6.4093 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(34, 184, 20)` looks like.

```
.text, #text, p{  
    color:rgb(34, 184, 20)  
}
```

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(34, 184, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 184, 20) }
```

Border

The CSS property to change the border of an element to XYZ 17.9264, 34.6716, 6.4093 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(34, 184, 20) }
```


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

```
.border{ border-color:rgb(34, 184, 20) }
```

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

Here you see how a box with a 4 pixel rgb(34, 184, 20) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 184, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 184, 20);  
box-shadow:4px 4px 4px 4px rgb(34, 184,  
20) }
```

Background

The CSS property to change the background color of an element to XYZ 17.9264, 34.6716, 6.4093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 184, 20) }
```

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

```
.background{ background-color: rgb(34, 184,  
20) }
```

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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