

Converting Colors

XYZ(17.5984, 32.6844, 6.4060)

Have a look what the booklet for
XYZ(17.5984, 32.6844, 6.4060)
contains.

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Color

**XYZ(17.5864, 32.6768,
6.4173)**

Conversions

Conversions Part 1

Format	Color
Hex	35B21B
RGB	53, 178, 27
RGB Percent	21%, 70%, 11%
CMY	0.7922, 0.3019, 0.8941
CMYK	0.70, 0.00, 0.85, 0.30
HSL	110°, 74%, 40%
HSV	110°, 85%, 70%
XYZ	17.5864, 32.6768, 6.4173
YIQ	123.4110, -26.0290, -73.4610

Conversions

Conversions Part 2

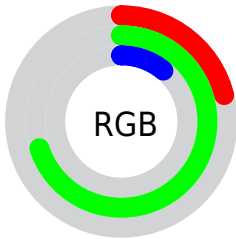
Format	Color
RYB	27, 178, 152
Decimal	3519003
CIELab	63.90, -59.47, 59.92
CIELCh	64, 84.427, 134.784
Yxy	32.6768, 0.3103, 0.5765
Android (android.graphics.Color)	4281709083 (0xFF35B21B)
YUV	123.4110, -47.5306, -61.7504
Hunter-Lab	57.1636, -45.1208, 33.3585

Details

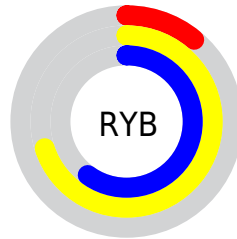
The XYZ color **17.5864, 32.6768, 6.4173** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **21.3797, 10.6754, 43.0550**, and the grayscale version is **19.1222, 20.1181, 21.9086**.

A 20% lighter version of the original color is **38.8998, 63.9563, 19.3114**, and **7.2077, 14.4153, 2.4026** is the 20% darker color. If you saturate the color by 10%, you get **16.7806, 32.2794, 5.6106**, and if you desaturate by 10%, it is **18.7566, 33.2496, 7.8927**.

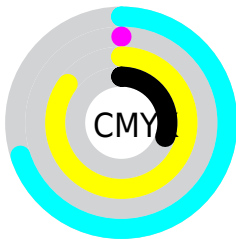
Distribution



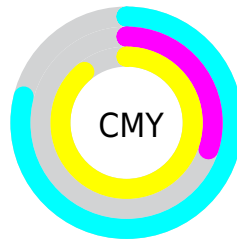
- Red (21%)
- Green (70%)
- Blue (11%)



- Red (11%)
- Yellow (70%)
- Blue (60%)



- Cyan (70%)
- Magenta (0%)
- Yellow (85%)
- Black (30%)





- Cyan (79%)
- Magenta (30%)
- Yellow (89%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 17.5864, 32.6768, 6.4173 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 17.5864, 32.6768, 6.4173 by changing the saturation by 10% instead.


 17.5864, 32.6768,
6.4173


 17.5864, 32.6768,
6.4173


231.6203,
314.1909, 172.1730


 10.7513, 21.8790,
3.0276


 38.8669, 63.8706,
19.2835


 5.9659, 13.7680,
1.1087


 54.0431, 85.0354,
29.5971


 2.8648, 7.9595,
0.0000


 72.7303, 110.4246,
43.0557

 1.0827, 4.0690,
0.0000

 95.2940, 140.4226,
60.0778

 0.0106, 1.7123,
0.0000

 122.0995,
175.4138, 81.0821

 0.0000, 0.4316,
0.0000

 153.5122,

 0.0000, 0.0000,

215.7827, 106.4870

0.0000

189.8973,
261.9136, 136.7112

■ 17.5864, 32.6768,
6.4173

■ 17.5864, 32.6768,
6.4173

■ 16.7806, 32.2794,
5.6106

■ 18.7566, 33.2496,
7.8927

■ 16.4753, 32.1279,
5.3330

■ 20.3283, 34.0117,
10.1391

■ 22.3362, 34.9803,
13.2437

■ 24.8107, 36.1691,
17.2811

■ 27.7791, 37.5909,
22.3179

■ 31.2666, 39.2575,
28.4147

■ 35.2969, 41.1797,
35.6272

■ 39.8920, 43.3678,
44.0073

■ 45.0726, 45.8315,
53.6035

Harmonies

Analogous

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



25.5865, 32.6768, 2.4061



17.5864, 32.6768, 6.4173



13.8200, 32.6768, 21.0241

Triad

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



17.5864, 32.6768, 6.4173



25.4408, 32.6768, 143.3938



58.7926, 32.6768, 21.3608

Complementary

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



17.5864, 32.6768, 6.4173



21.3797, 10.6754, 43.0550

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.



58.7246, 32.6768, 55.6582



17.5864, 32.6768, 6.4173



37.2594, 32.6768, 143.7169

Square

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



17.5864, 32.6768, 6.4173



17.5033, 32.6768, 104.4208



50.0878, 32.6768, 105.1362



50.2552, 32.6768, 6.5291

Rectangle

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



17.5864, 32.6768, 6.4173



13.4040, 32.6768, 41.3193



50.0878, 32.6768, 105.1362



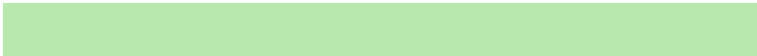
59.8342, 32.6768, 30.3975

Sweetspot

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



17.5872, 32.6782, 6.4180



56.2870, 70.9920, 50.7998



29.5165, 31.4599, 5.5541



11.9638, 15.4864, 10.3632



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



17.5872, 32.6782, 6.4180



29.7435, 58.1913, 9.6644



17.6373, 32.5809, 11.9842



8.5208, 9.5581, 9.0483



11.8259, 23.0065, 3.8174



0.4134, 0.7452, 0.1220

Inverse Universe

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



21.3797, 10.6754, 43.0550



36.3381, 17.0496, 77.7568



22.7949, 11.8664, 22.2745



8.7037, 8.5713, 10.7020



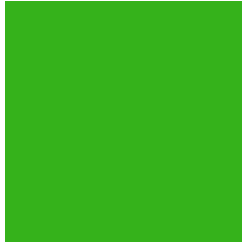
14.4523, 6.7862, 30.6851



0.4925, 0.2330, 0.9673

Previews

White Background



This preview shows how the XYZ color 17.5864, 32.6768, 6.4173 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 17.5864, 32.6768, 6.4173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

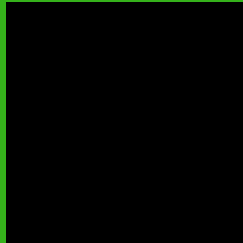
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 17.5864, 32.6768, 6.4173

Background



This preview shows how black text looks on a background with the XYZ color 17.5864, 32.6768, 6.4173.



This preview shows how white text looks on a background with the XYZ color 17.5864, 32.6768,

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

17.5864, 32.6768, 6.4173

Protanopia

28.9154, 32.0459, 5.3233

Deuteranopia

32.7643, 32.0925, 7.0524



Tritanopia

25.8927, 32.6510, 47.5854

Trichromacy



Original Color

17.5864, 32.6768, 6.4173



Protanomaly

22.3051, 30.9234, 5.6038



Deuteranomaly

23.7484, 30.3510, 6.5261



Tritanomaly

20.9933, 31.7412, 24.0890

Monochromacy



Original Color

17.5864, 32.6768, 6.4173



Achromatopsia

18.8265, 19.8069, 21.5697



Achromatomaly

16.6209, 22.9462, 12.7856

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.5864, 32.6768, 6.4173 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(53, 178, 27)` looks like.

```
.text, #text, p{  
    color:rgb(53, 178, 27)  
}
```

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(53, 178, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 178, 27) }
```

Border

The CSS property to change the border of an element to XYZ 17.5864, 32.6768, 6.4173 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(53, 178, 27) }
```


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

```
.border{ border-color:rgb(53, 178, 27) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 178, 27)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 178, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 178, 27);  
box-shadow:4px 4px 4px 4px rgb(53, 178,  
27) }
```

Background

The CSS property to change the background color of an element to XYZ 17.5864, 32.6768, 6.4173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 178, 27) }
```

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

```
.background{ background-color: rgb(53, 178,  
27) }
```

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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