

Converting Colors

XYZ(21.2031, 35.4705, 5.9369)

Have a look what the booklet for
XYZ(21.2031, 35.4705, 5.9369)
contains.

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Color

**XYZ(21.1783, 35.4428,
5.9259)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 5EB507 |
| RGB | 94, 181, 7 |
| RGB Percent | 37%, 71%, 3% |
| CMY | 0.6314, 0.2902, 0.9725 |
| CMYK | 0.48, 0.00, 0.96, 0.29 |
| HSL | 90°, 93%, 37% |
| HSV | 90°, 96%, 71% |
| XYZ | 21.1783, 35.4428, 5.9259 |
| YIQ | 135.1510, 4.0020, -72.5580 |

Conversions

Conversions Part 2

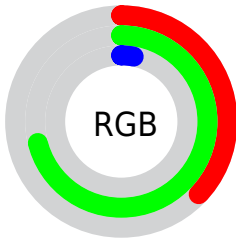
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 7, 181, 94 |
| Decimal | 6206727 |
| CIELab | 66.09, -50.72, 65.75 |
| CIELCh | 66, 83.036, 127.649 |
| Yxy | 35.4428, 0.3386, 0.5667 |
| Android (android.graphics.Color) | 4284396807 (0xFF5EB507) |
| YUV | 135.1510, -63.1784, -36.0894 |
| Hunter-Lab | 59.5339, -40.6855, 35.7721 |

Details

The XYZ color **21.1783, 35.4428, 5.9259** is a dark color, and the websafe version is hex **66CC33**. A complement of this color would be **13.0353, 5.8695, 44.1640**, and the grayscale version is **23.3131, 24.5272, 26.7102**.

A 20% lighter version of the original color is **44.9347, 68.3890, 18.2292**, and **8.0414, 15.4118, 2.5509** is the 20% darker color. If you saturate the color by 10%, you get **20.7890, 35.2476, 5.7078**, and if you desaturate by 10%, it is **22.3007, 36.0066, 6.7009**.

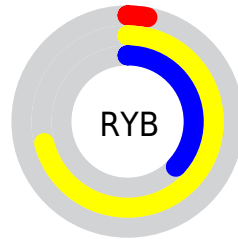
Distribution



Red (37%)

Green (71%)

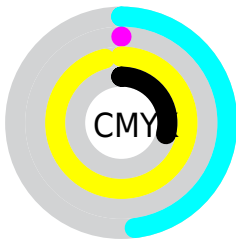
Blue (3%)



Red (3%)

Yellow (71%)

Blue (37%)

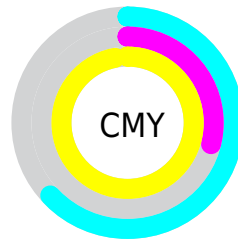


Cyan (48%)

Magenta (0%)

Yellow (96%)

Black (29%)



Cyan (63%)


Magenta (29%)


Yellow (97%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 21.1783, 35.4428, 5.9259 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 21.1783, 35.4428, 5.9259 by changing the saturation by 10% instead.


 21.1783, 35.4428,
5.9259


 21.1783, 35.4428,
5.9259


250.9384,
326.5185, 167.6911


 13.3676, 24.0042,
2.7320


 44.8731, 68.1712,
18.2519

 7.7609, 15.3367,
0.9595


 61.4880, 90.2297,
28.2211

 3.9929, 9.0560,
0.0000


 81.7682, 116.5970,
41.2858

 1.6981, 4.7778,
0.0000

 106.0793,
147.6574, 57.8646

 0.4551, 2.1175,
0.0000

 134.7865,
183.7954, 78.3760

 0.0000, 0.6744,
0.0000

 168.2551,

 0.0000, 0.0000,

225.3953, 103.2385

0.0000

206.8506,
272.8416, 132.8707

■ 21.1783, 35.4428,
5.9259

■ 21.1783, 35.4428,
5.9259

■ 20.7890, 35.2476,
5.7078

■ 22.3007, 36.0066,
6.7009

■ 23.6598, 36.6768,
8.1388

■ 25.2822, 37.4657,
10.3590

■ 27.1886, 38.3820,
13.4527

■ 29.3968, 39.4331,
17.4984

■ 31.9233, 40.6260,
22.5661

■ 34.7829, 41.9669,
28.7190

■ 37.9894, 43.4618,
36.0151

■ 41.5557, 45.1160,
44.5087

Harmonies

Analogous

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



30.6282, 35.4428, 2.8297



21.1783, 35.4428, 5.9259



16.1692, 35.4428, 18.0962

Triad

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



21.1783, 35.4428, 5.9259



25.4495, 35.4428, 141.6586



63.0828, 35.4428, 30.2382

Complementary

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



21.1783, 35.4428, 5.9259



13.0353, 5.8695, 44.1640

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.



60.7265, 35.4428, 70.6108



21.1783, 35.4428, 5.9259



36.9437, 35.4428, 152.6348

Square

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



21.1783, 35.4428, 5.9259



18.1826, 35.4428, 96.7218



50.3493, 35.4428, 121.2162



56.1698, 35.4428, 10.1948

Rectangle

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



21.1783, 35.4428, 5.9259



15.1131, 35.4428, 35.8716



50.3493, 35.4428, 121.2162



63.3736, 35.4428, 41.4449

Sweetspot

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



21.1791, 35.4443, 5.9267



60.5032, 74.3211, 47.5058



23.0990, 17.8468, 2.4288



12.6146, 15.8466, 9.2761



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.



21.1791, 35.4443, 5.9267



36.9684, 62.9896, 10.2098



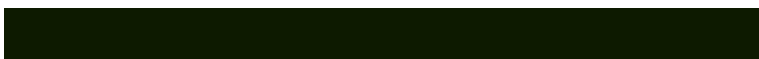
16.6509, 33.1100, 5.7148



8.7802, 9.6918, 9.0605



14.4108, 24.3391, 3.9384



0.5207, 0.8005, 0.1271

Inverse Universe

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



13.0353, 5.8695, 44.1640



22.3161, 9.7788, 79.0059



27.4740, 13.3129, 44.8397



8.4333, 8.4319, 10.6894



8.7709, 3.8574, 30.4193



0.3433, 0.1561, 0.9603

Previews

White Background



This preview shows how the XYZ color 21.1783, 35.4428, 5.9259 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 21.1783, 35.4428, 5.9259 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 21.1783, 35.4428, 5.9259

Background



This preview shows how black text looks on a background with the XYZ color 21.1783, 35.4428, 5.9259.



This preview shows how white text looks on a background with the XYZ color 21.1783, 35.4428,

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

21.1783, 35.4428, 5.9259

Protanopia

31.3932, 34.8449, 5.0711

Deuteranopia

35.4879, 34.6843, 6.5746



Tritanopia

29.7822, 35.1646, 49.4737

Trichromacy



Original Color

21.1783, 35.4428, 5.9259

Protanomaly

26.4135, 34.4014, 5.3341

Deuteranomaly

28.0071, 33.5966, 5.9859

Tritanomaly

24.5203, 34.4464, 22.4960

Monochromacy



Original Color

21.1783, 35.4428, 5.9259

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

20.7354, 27.1541, 13.3809

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.1783, 35.4428, 5.9259 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(94, 181, 7)` looks like.

```
.text, #text, p{  
    color:rgb(94, 181, 7)  
}
```

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(94, 181, 7) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 181, 7) }
```

Border

The CSS property to change the border of an element to XYZ 21.1783, 35.4428, 5.9259 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(94, 181, 7) }
```


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

```
.border{ border-color:rgb(94, 181, 7) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 181, 7)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 181, 7); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 181, 7);  
box-shadow:4px 4px 4px 4px rgb(94, 181, 7)  
}
```

Background

The CSS property to change the background color of an element to XYZ 21.1783, 35.4428, 5.9259 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 181, 7) }
```

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

```
.background{ background-color: rgb(94, 181,  
7) }
```

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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