

Converting Colors

XYZ(19.0662, 32.8615, 5.3380)

Have a look what the booklet for
XYZ(19.0662, 32.8615, 5.3380)
contains.

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Color

**XYZ(19.0926, 32.8897,
5.3421)**

Conversions

Conversions Part 1

Format	Color
Hex	53B000
RGB	83, 176, 0
RGB Percent	33%, 69%, 0%
CMY	0.6745, 0.3098, 0.9999
CMYK	0.53, 0.00, 1.00, 0.31
HSL	92°, 100%, 35%
HSV	92°, 100%, 69%
XYZ	19.0926, 32.8897, 5.3421
YIQ	128.1290, 1.0680, -74.4520

Conversions

Conversions Part 2

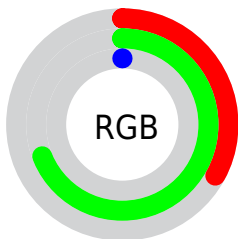
Format	Color
RYB	0, 176, 93
Decimal	5484544
CIELab	64.07, -52.31, 64.84
CIELCh	64, 83.306, 128.895
Yxy	32.8897, 0.3331, 0.5737
Android (android.graphics.Color)	4283674624 (0xFF53B000)
YUV	128.1290, -63.1676, -39.5781
Hunter-Lab	57.3495, -40.9361, 34.6218

Details

The XYZ color **19.0926, 32.8897, 5.3421** is a dark color, and the websafe version is hex **66CC33**. A complement of this color would be **12.3536, 5.4635, 41.4797**, and the grayscale version is **20.7764, 21.8584, 23.8038**.

A 20% lighter version of the original color is **41.3164, 63.9858, 17.0104**, and **6.9595, 13.9191, 2.3198** is the 20% darker color. If you saturate the color by 10%, you get **19.0924, 32.8906, 5.3423**, and if you desaturate by 10%, it is **20.0759, 33.3854, 5.9420**.

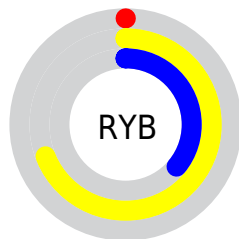
Distribution



Red (33%)

Green (69%)

Blue (0%)



Red (0%)

Yellow (69%)

Blue (36%)

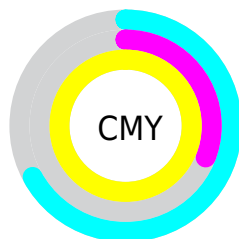


Cyan (53%)

Magenta (0%)

Yellow (100%)

Black (31%)



Cyan (67%)


Magenta (31%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 19.0926, 32.8897, 5.3421 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 19.0926, 32.8897, 5.3421 by changing the saturation by 10% instead.


 19.0926, 32.8897,
5.3421


 19.0926, 32.8897,
5.3421


239.8878,
315.1524, 162.1437


 11.8416, 22.0420,
2.3871


 41.4062, 64.2033,
17.0027


 6.7073, 13.8877,
0.7794


 57.1995, 85.4379,
26.5454

 3.3245, 8.0426,
0.0000


 76.5709, 110.9036,
39.1212

 1.3276, 4.1222,
0.0000

 99.8859, 140.9849,
55.1484

 0.2037, 1.7422,
0.0000

 127.5097,
176.0659, 75.0458

 0.0000, 0.4507,
0.0000

 159.8077,

 0.0000, 0.0000,

216.5313, 99.2317

0.0000

197.1453,
262.7653, 128.1248

19.0926, 32.8897,
5.3421

19.0926, 32.8897,
5.3421

19.0924, 32.8906,
5.3423

20.0759, 33.3854,
5.9420

21.2672, 33.9763,
7.0444

22.7079, 34.6807,
8.8437

24.4190, 35.5074,
11.4307

26.4187, 36.4639,
14.8827

■ 28.7233, 37.5573,
19.2679

■ 31.3475, 38.7938,
24.6473

■ 34.3054, 40.1793,
31.0770

■ 37.6095, 41.7194,
38.6088

Harmonies

Analogous

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



27.8894, 32.8897, 2.3583



19.0926, 32.8897, 5.3421



14.5411, 32.8897, 17.1727

Triad

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



19.0926, 32.8897, 5.3421



23.7978, 32.8897, 136.7290



59.3820, 32.8897, 26.6931

Complementary

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



19.0926, 32.8897, 5.3421



12.3536, 5.4635, 41.4797

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.



57.4911, 32.8897, 64.5939



19.0926, 32.8897, 5.3421



34.8932, 32.8897, 145.6335

Square

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



19.0926, 32.8897, 5.3421



16.7453, 32.8897, 93.8887



47.7370, 32.8897, 113.6738



52.3954, 32.8897, 8.5806

Rectangle

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



19.0926, 32.8897, 5.3421



13.6509, 32.8897, 34.5759



47.7370, 32.8897, 113.6738



59.7941, 32.8897, 37.0758

Sweetspot

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



19.0934, 32.8911, 5.3428



56.5815, 70.2291, 44.1300



21.6417, 16.7032, 2.0839



11.8255, 15.0143, 8.6549



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



19.0934, 32.8911, 5.3428



34.3683, 59.5173, 9.6766



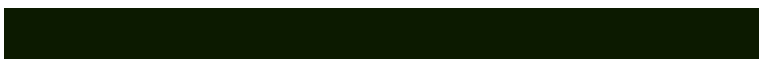
15.5425, 31.0587, 5.2605



8.7573, 9.6800, 9.0594



14.0744, 24.1657, 3.9226



0.5104, 0.7952, 0.1266

Inverse Universe

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



12.3536, 5.4635, 41.4797



22.1381, 9.7708, 75.2144



25.4552, 12.2508, 40.5940



8.4563, 8.4438, 10.6904



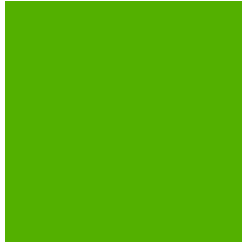
9.1309, 4.0429, 30.4361



0.3540, 0.1616, 0.9608

Previews

White Background



This preview shows how the XYZ color 19.0926, 32.8897, 5.3421 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 19.0926, 32.8897, 5.3421 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

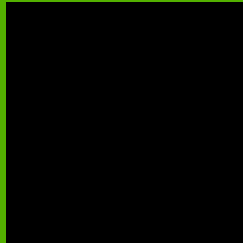
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 19.0926, 32.8897, 5.3421

Background



This preview shows how black text looks on a background with the XYZ color 19.0926, 32.8897, 5.3421.



This preview shows how white text looks on a background with the XYZ color 19.0926, 32.8897,

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

19.0926, 32.8897, 5.3421

Protanopia

29.1769, 32.4414, 4.7240

Deuteranopia

32.8455, 32.1545, 6.1444



Tritanopia

27.3956, 32.9134, 46.5040

Trichromacy



Original Color

19.0926, 32.8897, 5.3421

Protanomaly

24.0817, 31.8571, 4.8798

Deuteranomaly

25.5381, 31.0458, 5.4571

Tritanomaly

22.1289, 31.8502, 20.6042

Monochromacy



Original Color

19.0926, 32.8897, 5.3421

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

18.2927, 24.2896, 11.5088

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.0926, 32.8897, 5.3421 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(83, 176, 0)` looks like.

```
.text, #text, p{  
    color:rgb(83, 176, 0)  
}
```

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(83, 176, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 176, 0) }
```

Border

The CSS property to change the border of an element to XYZ 19.0926, 32.8897, 5.3421 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(83, 176, 0) }
```


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

```
.border{ border-color:rgb(83, 176, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 176, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 176, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 176, 0);  
box-shadow:4px 4px 4px 4px rgb(83, 176, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 19.0926, 32.8897, 5.3421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 176, 0) }
```

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

```
.background{ background-color: rgb(83, 176,  
0) }
```

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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