

Converting Colors

XYZ(19.2477, 29.3735, 5.1579)

Have a look what the booklet for
XYZ(19.2477, 29.3735, 5.1579)
contains.

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Color

**XYZ(19.2541, 29.3576,
5.1420)**

Conversions

Conversions Part 1

Format	Color
Hex	6BA310
RGB	107, 163, 16
RGB Percent	42%, 64%, 6%
CMY	0.5804, 0.3608, 0.9372
CMYK	0.34, 0.00, 0.90, 0.36
HSL	83°, 82%, 35%
HSV	83°, 90%, 64%
XYZ	19.2541, 29.3576, 5.1420
YIQ	129.4980, 13.8110, -57.5890

Conversions

Conversions Part 2

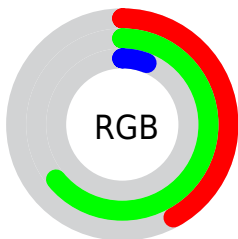
Format	Color
RYB	16, 163, 72
Decimal	7054096
CIELab	61.10, -38.66, 60.63
CIElCh	61, 71.908, 122.521
Yxy	29.3576, 0.3582, 0.5462
Android (android.graphics.Color)	4285244176 (0xFF6BA310)
YUV	129.4980, -55.9545, -19.7307
Hunter-Lab	54.1827, -31.3887, 32.3012

Details

The XYZ color **19.2541, 29.3576, 5.1420** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **9.4703, 4.3937, 35.0010**, and the grayscale version is **21.2295, 22.3351, 24.3230**.

A 20% lighter version of the original color is **41.5869, 58.4939, 16.4957**, and **7.0497, 12.0727, 1.9587** is the 20% darker color. If you saturate the color by 10%, you get **18.4534, 28.9566, 4.6166**, and if you desaturate by 10%, it is **20.1999, 29.8263, 6.0812**.

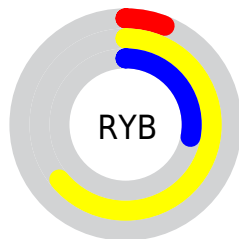
Distribution



Red (42%)

Green (64%)

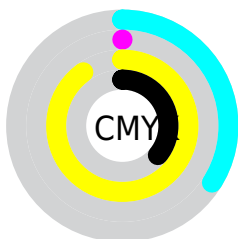
Blue (6%)



Red (6%)

Yellow (64%)

Blue (28%)

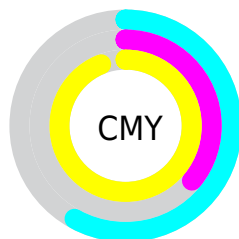


Cyan (34%)

Magenta (0%)

Yellow (90%)

Black (36%)



Cyan (58%)

Magenta (36%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.2541, 29.3576, 5.1420 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 19.2541, 29.3576, 5.1420 by changing the saturation by 10% instead.

■ 19.2541, 29.3576,
5.1420

■ 19.2541, 29.3576,
5.1420

■ 240.7592,
298.8985, 160.1798

■ 11.9591, 19.3515,
2.2706

■ 41.6766, 58.6448,
16.5680

■ 6.7878, 11.9245,
0.7147

■ 57.5348, 78.6946,
25.9597

■ 3.3749, 6.6923,
0.0000

■ 76.9782, 102.8612,
38.3619

■ 1.3550, 3.2704,
0.0000

■ 100.3720,
131.5289, 54.1932

■ 0.2238, 1.2745,
0.0000

■ 128.0817,
165.0820, 73.8721

■ 0.0000, 0.1213,
0.0000

■ 160.4725,

■ 0.0000, 0.0000,

203.9051, 97.8171

0.0000

197.9099,
248.3825, 126.4468

■ 19.2541, 29.3576,
5.1420

■ 19.2541, 29.3576,
5.1420

■ 18.4534, 28.9566,
4.6166

■ 20.1999, 29.8263,
6.0812

■ 21.3096, 30.3659,
7.6010

■ 22.5992, 30.9839,
9.7770

■ 24.0819, 31.6857,
12.6731

■ 25.7693, 32.4760,
16.3453

■ 27.6719, 33.3593,
20.8443

■ 29.7995, 34.3394,
26.2166

■ 32.1612, 35.4202,
32.5048

■ 34.7655, 36.6051,
39.7493

Harmonies

Analogous

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



27.1142, 29.3576, 3.1023



19.2541, 29.3576, 5.1420



14.7207, 29.3576, 13.5062

Triad

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



19.2541, 29.3576, 5.1420



20.3521, 29.3576, 103.6133



50.1941, 29.3576, 29.7371

Complementary

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



19.2541, 29.3576, 5.1420



9.4703, 4.3937, 35.0010

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.



47.2566, 29.3576, 62.3748



19.2541, 29.3576, 5.1420



28.7080, 29.3576, 116.8486

Square

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



19.2541, 29.3576, 5.1420



15.2472, 29.3576, 68.7532



38.8188, 29.3576, 98.6947



46.1334, 29.3576, 11.4004

Rectangle

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



19.2541, 29.3576, 5.1420



13.5212, 29.3576, 25.6775



38.8188, 29.3576, 98.6947



49.9924, 29.3576, 39.2042

Sweetspot

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



19.2548, 29.3589, 5.1426



50.5356, 60.1935, 39.7476



17.3830, 12.1932, 1.9280



11.0855, 13.3969, 8.2751



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



19.2548, 29.3589, 5.1426



32.8179, 51.7384, 8.2568



13.9055, 26.6012, 4.8923



7.3867, 8.1019, 7.5546



14.3927, 22.5302, 3.5902



0.3525, 0.4992, 0.0778

Inverse Universe

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



9.4703, 4.3937, 35.0010



15.2020, 6.4692, 62.5036



18.1945, 8.8912, 35.4093



6.9437, 6.9853, 8.8854



6.7342, 2.8781, 27.1304



0.1931, 0.0871, 0.5725

Previews

White Background



This preview shows how the XYZ color 19.2541, 29.3576, 5.1420 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 19.2541, 29.3576, 5.1420 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 × Fail

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

XYZ 19.2541, 29.3576, 5.1420

Background



This preview shows how black text looks on a background with the XYZ color 19.2541, 29.3576, 5.1420.



This preview shows how white text looks on a background with the XYZ color 19.2541, 29.3576,

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

19.2541, 29.3576, 5.1420

Protanopia

26.2034, 28.9920, 4.4447

Deuteranopia

29.5436, 28.9009, 5.6114



Tritanopia

26.2413, 29.4219, 39.4179

Trichromacy



Original Color

19.2541, 29.3576, 5.1420

Protanomaly

23.1287, 28.8264, 4.6616

Deuteranomaly

24.7041, 28.4317, 5.2844

Tritanomaly

22.1742, 28.7543, 19.1333

Monochromacy



Original Color

19.2541, 29.3576, 5.1420

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

19.5022, 24.2048, 13.0953

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.2541, 29.3576, 5.1420 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(107, 163, 16)` looks like.

```
.text, #text, p{  
    color:rgb(107, 163, 16)  
}
```

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(107, 163, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 163, 16) }
```

Border

The CSS property to change the border of an element to XYZ 19.2541, 29.3576, 5.1420 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(107, 163, 16) }
```


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

```
.border{ border-color:rgb(107, 163, 16) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 163, 16)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 163, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 163, 16);  
box-shadow:4px 4px 4px 4px rgb(107, 163,  
16) }
```

Background

The CSS property to change the background color of an element to XYZ 19.2541, 29.3576, 5.1420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 163, 16) }
```

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

```
.background{ background-color: rgb(107,  
163, 16) }
```

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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