

Converting Colors

XYZ(19.3341, 21.8413, 4.0722)

Have a look what the booklet for
XYZ(19.3341, 21.8413, 4.0722)
contains.

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Color

**XYZ(19.3028, 21.7820,
4.0511)**

Conversions

Conversions Part 1

Format	Color
Hex	8E8218
RGB	142, 130, 24
RGB Percent	56%, 51%, 9%
CMY	0.4431, 0.4902, 0.9059
CMYK	0.00, 0.08, 0.83, 0.44
HSL	54°, 71%, 33%
HSV	54°, 83%, 56%
XYZ	19.3028, 21.7820, 4.0511
YIQ	121.5040, 41.1780, -30.4220

Conversions

Conversions Part 2

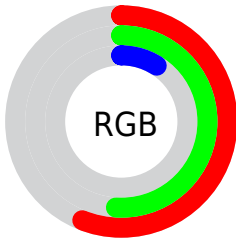
Format	Color
R_{YB}	37, 142, 24
Decimal	9339416
CIE _{Lab}	53.79, -6.94, 53.57
CIE _{LCh}	54, 54.016, 97.384
Yxy	21.7820, 0.4277, 0.4826
Android (android.graphics.Color)	4287529496 (0xFF8E8218)
YUV	121.5040, -48.0695, 17.9750
Hunter-Lab	46.6712, -7.8485, 27.5234

Details

The XYZ color **19.3028, 21.7820, 4.0511** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **5.8901, 3.4089, 25.9385**, and the grayscale version is **18.4797, 19.4421, 21.1724**.

A 20% lighter version of the original color is **41.8980, 46.5736, 14.1785**, and **6.9669, 7.9596, 1.1692** is the 20% darker color. If you saturate the color by 10%, you get **19.0014, 21.3572, 3.4024**, and if you desaturate by 10%, it is **19.6849, 22.2451, 5.1073**.

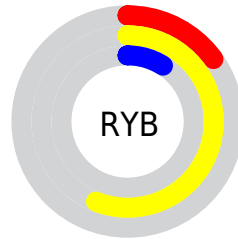
Distribution



Red (56%)

Green (51%)

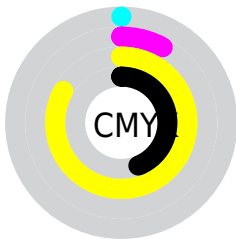
Blue (9%)



Red (15%)

Yellow (56%)

Blue (9%)

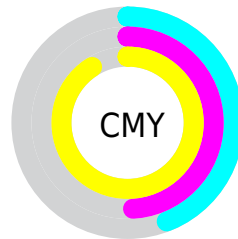


Cyan (0%)

Magenta (8%)

Yellow (83%)

Black (44%)



Cyan (44%)

Magenta (49%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.3028, 21.7820, 4.0511 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 19.3028, 21.7820, 4.0511 by changing the saturation by 10% instead.

■ 19.3028, 21.7820,
4.0511

■ 19.3028, 21.7820,
4.0511

241.0215,
261.4057, 148.7917

■ 11.9946, 13.6968,
1.6534

■ 41.7581, 46.3854,
14.1274

■ 6.8122, 7.9101,
0.3285

■ 57.6358, 63.6724,
22.6432

■ 3.3902, 4.0375,
0.0000

■ 77.1008, 84.7955,
34.0354

■ 1.3633, 1.6945,
0.0000

■ 100.5184,
110.1391, 48.7225

■ 0.2299, 0.4201,
0.0000

■ 128.2538,
140.0875, 67.1232

■ 0.0000, 0.0000,
0.0000

■ 160.6726,

175.0251, 89.6559

198.1401,
215.3364, 116.7392

19.3028, 21.7820,
4.0511

19.3028, 21.7820,
4.0511

19.0014, 21.3572,
3.4024

19.6849, 22.2451,
5.1073

18.8176, 21.0755,
3.0762

20.1568, 22.7476,
6.6251

20.7279, 23.2941,
8.6519

21.4060, 23.8878,
11.2287

22.1982, 24.5315,
14.3925

■ 23.1107, 25.2277,
18.1770

■ 24.1497, 25.9789,
22.6133

■ 25.3205, 26.7873,
27.7305

■ 26.6285, 27.6550,
33.5560

Harmonies

Analogous

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



25.2946, 21.7820, 4.7638



19.3028, 21.7820, 4.0511



14.6436, 21.7820, 6.3147

Triad

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



19.3028, 21.7820, 4.0511



13.0461, 21.7820, 48.8728



32.7978, 21.7820, 38.2410

Complementary

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



19.3028, 21.7820, 4.0511



5.8901, 3.4089, 25.9385

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.



28.2389, 21.7820, 59.2219



19.3028, 21.7820, 4.0511



16.7039, 21.7820, 67.1022

Square

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



19.3028, 21.7820, 4.0511



11.4962, 21.7820, 28.0627



22.1696, 21.7820, 71.5815



33.8486, 21.7820, 19.8447

Rectangle

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



19.3028, 21.7820, 4.0511



12.6590, 21.7820, 10.3312



22.1696, 21.7820, 71.5815



31.5885, 21.7820, 45.4328

Sweetspot

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



19.3033, 21.7830, 4.0515



40.3441, 44.1810, 30.3325



11.8281, 6.5426, 2.4538



8.8989, 9.7830, 6.3086



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



19.3033, 21.7830, 4.0515



33.1150, 37.0280, 5.4018



14.7429, 21.9404, 4.3223



5.7934, 6.1930, 5.7794



16.9032, 18.9382, 2.7645



0.1704, 0.1986, 0.0293

Inverse Universe

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



5.8901, 3.4089, 25.9385



8.8371, 3.8984, 45.4146



7.6802, 3.8803, 25.9351



5.1710, 5.3378, 6.7865



4.5373, 2.0606, 23.1357



0.0504, 0.0336, 0.2235

Previews

White Background



This preview shows how the XYZ color 19.3028, 21.7820, 4.0511 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 19.3028, 21.7820, 4.0511 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 19.3028, 21.7820, 4.0511

Background



This preview shows how black text looks on a background with the XYZ color 19.3028, 21.7820, 4.0511.



This preview shows how white text looks on a background with the XYZ color 19.3028, 21.7820,

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

19.3028, 21.7820, 4.0511

Protanopia

19.6922, 21.7862, 4.0314

Deuteranopia

22.0816, 21.6892, 4.1850



Tritanopia

23.4443, 21.7705, 24.0856

Trichromacy



Original Color

19.3028, 21.7820, 4.0511

Protanomaly

19.5167, 21.6958, 4.0232

Deuteranomaly

21.0490, 21.7149, 4.1189

Tritanomaly

21.1286, 21.3737, 12.9095

Monochromacy



Original Color

19.3028, 21.7820, 4.0511

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

18.0666, 20.0062, 11.7135

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.3028, 21.7820, 4.0511 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(142, 130, 24)` looks like.

```
.text, #text, p{  
    color:rgb(142, 130, 24)  
}
```

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(142, 130, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 130, 24) }
```

Border

The CSS property to change the border of an element to XYZ 19.3028, 21.7820, 4.0511 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(142, 130, 24) }
```


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

```
.border{ border-color:rgb(142, 130, 24) }
```

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

Here you see how a box with a 4 pixel rgb(142, 130, 24) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 130, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 130, 24);  
box-shadow:4px 4px 4px 4px rgb(142, 130,  
24) }
```

Background

The CSS property to change the background color of an element to XYZ 19.3028, 21.7820, 4.0511 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 130, 24) }
```

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

```
.background{ background-color: rgb(142,  
130, 24) }
```

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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