

Converting Colors

XYZ(19.6753, 25.8600, 5.2547)

Have a look what the booklet for
XYZ(19.6753, 25.8600, 5.2547)
contains.

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Color

**XYZ(19.5896, 25.7908,
5.2420)**

Conversions

Conversions Part 1

Format	Color
Hex	7F941F
RGB	127, 148, 31
RGB Percent	50%, 58%, 12%
CMY	0.5020, 0.4196, 0.8784
CMYK	0.14, 0.00, 0.79, 0.42
HSL	71°, 65%, 35%
HSV	71°, 79%, 58%
XYZ	19.5896, 25.7908, 5.2420
YIQ	128.3830, 25.0410, -40.8390

Conversions

Conversions Part 2

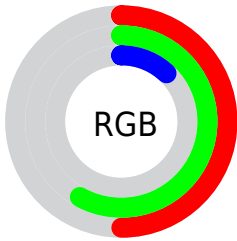
Format	Color
R_{YB}	31, 148, 52
Decimal	8360991
CIE _{Lab}	57.84, -22.92, 54.55
CIE _{LCh}	58, 59.169, 112.791
Yxy	25.7908, 0.3870, 0.5095
Android (android.graphics.Color)	4286551071 (0xFF7F941F)
YUV	128.3830, -48.0098, -1.2129
Hunter-Lab	50.7846, -20.0188, 29.4293

Details

The XYZ color **19.5896, 25.7908, 5.2420** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **7.2524, 3.8488, 28.3793**, and the grayscale version is **20.8074, 21.8910, 23.8393**.

A 20% lighter version of the original color is **42.3287, 52.9802, 16.7993**, and **7.0987, 10.0052, 1.5571** is the 20% darker color. If you saturate the color by 10%, you get **19.0473, 25.5297, 4.4221**, and if you desaturate by 10%, it is **20.2331, 26.0955, 6.5353**.

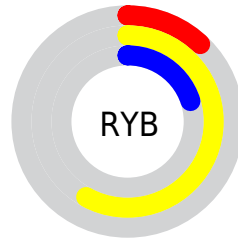
Distribution



Red (50%)

Green (58%)

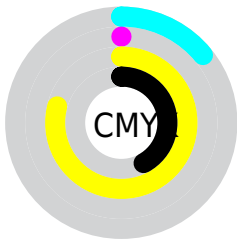
Blue (12%)



Red (12%)

Yellow (58%)

Blue (20%)

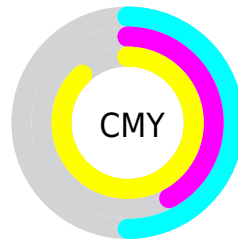


Cyan (14%)

Magenta (0%)

Yellow (79%)

Black (42%)



Cyan (50%)

Magenta (42%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.5896, 25.7908, 5.2420 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 19.5896, 25.7908, 5.2420 by changing the saturation by 10% instead.

■ 19.5896, 25.7908,
5.2420

■ 19.5896, 25.7908,
5.2420

242.5608,
281.7536, 161.1655

■ 12.2036, 16.6672,
2.3287

■ 42.2373, 52.9373,
16.7857

■ 6.9557, 9.9975,
0.7472

■ 58.2296, 71.7289,
26.2532

■ 3.4805, 5.3973,
0.0000

■ 77.8215, 94.5120,
38.7425

■ 1.4127, 2.4822,
0.0000

■ 101.3782,
121.6710, 54.6722

■ 0.2652, 0.8677,
0.0000

■ 129.2651,
153.5903, 74.4608

■ 0.0000, 0.0000,
0.0000

■ 161.8476,

190.6542, 98.5269

199.4911,
233.2472, 127.2889

■ 19.5896, 25.7908,
5.2420

■ 19.5896, 25.7908,
5.2420

■ 19.0473, 25.5297,
4.4221

■ 20.2331, 26.0955,
6.5353

■ 18.5797, 25.2987,
3.9442

■ 20.9871, 26.4446,
8.3577

■ 18.5365, 25.2773,
3.9020

■ 21.8614, 26.8431,
10.7588

■ 22.8645, 27.2943,
13.7824

■ 24.0040, 27.8013,
17.4677

■ 25.2867, 28.3669,
21.8508

■ 26.7191, 28.9936,
26.9654

■ 28.3072, 29.6839,
32.8428

■ 30.0567, 30.4400,
39.5124

Harmonies

Analogous

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



26.2695, 25.7908, 4.3949



19.5896, 25.7908, 5.2420



15.1573, 25.7908, 10.4351

Triad

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



19.5896, 25.7908, 5.2420



17.1403, 25.7908, 72.2339



40.7327, 25.7908, 33.2878

Complementary

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



19.5896, 25.7908, 5.2420



7.2524, 3.8488, 28.3793

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.



37.0939, 25.7908, 59.0387



19.5896, 25.7908, 5.2420



22.8373, 25.7908, 87.5925

Square

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



19.5896, 25.7908, 5.2420



13.9458, 25.7908, 46.1438



30.2000, 25.7908, 81.8571



39.4016, 25.7908, 15.4812

Rectangle

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



19.5896, 25.7908, 5.2420



13.6355, 25.7908, 18.0172



30.2000, 25.7908, 81.8571



40.0297, 25.7908, 41.3324

Sweetspot

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



19.5902, 25.7920, 5.2425



43.3540, 49.4943, 34.1981



13.6232, 8.7199, 2.2618



9.7326, 11.2259, 7.2514



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



19.5902, 25.7920, 5.2425



32.9629, 44.7250, 7.1701



13.3641, 22.5823, 4.9512



6.1644, 6.6926, 6.2074



15.8528, 21.6003, 3.3337



0.2155, 0.2754, 0.0418

Inverse Universe

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



7.2524, 3.8488, 28.3793



10.4976, 4.4763, 49.7453



12.1430, 6.3700, 28.6081



5.5909, 5.6801, 7.2714



4.9598, 2.0294, 24.0613



0.0788, 0.0342, 0.2953

Previews

White Background



This preview shows how the XYZ color 19.5896, 25.7908, 5.2420 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 19.5896, 25.7908, 5.2420 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 19.5896, 25.7908, 5.2420

Background



This preview shows how black text looks on a background with the XYZ color 19.5896, 25.7908, 5.2420.



This preview shows how white text looks on a background with the XYZ color 19.5896, 25.7908,

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

19.5896, 25.7908, 5.2420

Protanopia

23.1647, 25.6219, 4.8870

Deuteranopia

26.0730, 25.6477, 5.4958



Tritanopia

24.9945, 25.7502, 32.0867

Trichromacy



Original Color

19.5896, 25.7908, 5.2420

Protanomaly

21.5844, 25.4595, 5.0048

Deuteranomaly

23.3115, 25.4724, 5.3571

Tritanomaly

22.1060, 25.4549, 17.3839

Monochromacy



Original Color

19.5896, 25.7908, 5.2420

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

19.5418, 22.7075, 13.7089

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.5896, 25.7908, 5.2420 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(127, 148, 31)` looks like.

```
.text, #text, p{  
    color:rgb(127, 148, 31)  
}
```

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(127, 148, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 148, 31) }
```

Border

The CSS property to change the border of an element to XYZ 19.5896, 25.7908, 5.2420 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(127, 148, 31) }
```


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

```
.border{ border-color:rgb(127, 148, 31) }
```

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

Here you see how a box with a 4 pixel rgb(127, 148, 31) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 148, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 148, 31);  
box-shadow:4px 4px 4px 4px rgb(127, 148,  
31) }
```

Background

The CSS property to change the background color of an element to XYZ 19.5896, 25.7908, 5.2420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 148, 31) }
```

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

```
.background{ background-color: rgb(127,  
148, 31) }
```

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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