

Converting Colors

XYZ(19.6935, 25.8028, 5.3374)

Have a look what the booklet for
XYZ(19.6935, 25.8028, 5.3374)
contains.

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Color

**XYZ(19.7527, 25.8733,
5.3195)**

Conversions

Conversions Part 1

Format	Color
Hex	809420
RGB	128, 148, 32
RGB Percent	50%, 58%, 13%
CMY	0.4980, 0.4196, 0.8745
CMYK	0.14, 0.00, 0.78, 0.42
HSL	70°, 64%, 35%
HSV	70°, 78%, 58%
XYZ	19.7527, 25.8733, 5.3195
YIQ	128.7960, 25.3160, -40.3160

Conversions

Conversions Part 2

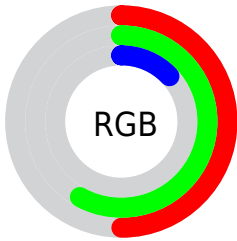
Format	Color
R_{YB}	32, 148, 52
Decimal	8426528
CIE _{Lab}	57.92, -22.44, 54.33
CIE _{LCh}	58, 58.781, 112.444
Yxy	25.8733, 0.3877, 0.5079
Android (android.graphics.Color)	4286616608 (0xFF809420)
YUV	128.7960, -47.7204, -0.6981
Hunter-Lab	50.8658, -19.6983, 29.4056

Details

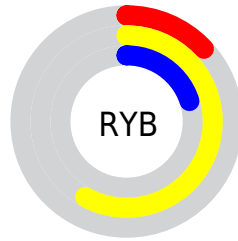
The XYZ color **19.7527, 25.8733, 5.3195** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **7.2789, 3.9019, 28.3881**, and the grayscale version is **20.9510, 22.0421, 24.0039**.

A 20% lighter version of the original color is **42.6080, 53.1195, 17.0242**, and **7.1763, 10.0452, 1.5607** is the 20% darker color. If you saturate the color by 10%, you get **19.2162, 25.6158, 4.4703**, and if you desaturate by 10%, it is **20.3905, 26.1743, 6.6463**.

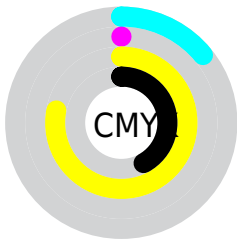
Distribution



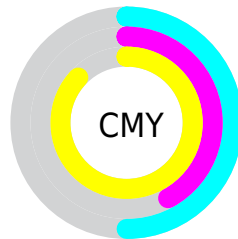
- Red (50%)
- Green (58%)
- Blue (13%)



- Red (13%)
- Yellow (58%)
- Blue (20%)



- Cyan (14%)
- Magenta (0%)
- Yellow (78%)
- Black (42%)



- Cyan (50%)
- Magenta (42%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.7527, 25.8733, 5.3195 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 19.7527, 25.8733, 5.3195 by changing the saturation by 10% instead.

■ 19.7527, 25.8733,
5.3195

■ 19.7527, 25.8733,
5.3195

■ 243.4323,
282.1596, 161.9235

■ 12.3226, 16.7289,
2.3739

■ 42.5093, 53.0705,
16.9538

■ 7.0376, 10.0414,
0.7722

■ 58.5665, 71.8920,
26.4796

■ 3.5321, 5.4264,
0.0000

■ 78.2302, 94.7081,
39.0359

■ 1.4410, 2.4996,
0.0000

■ 101.8656,
121.9030, 55.0412

■ 0.2852, 0.8764,
0.0000

■ 129.8382,
153.8612, 74.9141

■ 0.0000, 0.0000,
0.0000

■ 162.5133,

190.9671, 99.0731

200.2562,
233.6051, 127.9367

■ 19.7527, 25.8733,
5.3195

■ 19.7527, 25.8733,
5.3195

■ 19.2162, 25.6158,
4.4703

■ 20.3905, 26.1743,
6.6463

■ 18.7570, 25.3895,
3.9811

■ 21.1386, 26.5195,
8.5056

■ 18.6847, 25.3537,
3.9090

■ 22.0068, 26.9140,
10.9468

■ 23.0036, 27.3610,
14.0132

■ 24.1364, 27.8636,
17.7437

■ 25.4120, 28.4244,
22.1745

■ 26.8369, 29.0462,
27.3388

■ 28.4171, 29.7312,
33.2678

■ 30.1581, 30.4818,
39.9911

Harmonies

Analogous

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



26.4253, 25.8733, 4.5046



19.7527, 25.8733, 5.3195



15.3027, 25.8733, 10.4652

Triad

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



19.7527, 25.8733, 5.3195



17.1934, 25.8733, 71.7514



40.7030, 25.8733, 33.6144

Complementary

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



19.7527, 25.8733, 5.3195



7.2789, 3.9019, 28.3881

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.



37.0373, 25.8733, 59.2380



19.7527, 25.8733, 5.3195



22.8451, 25.8733, 87.1761

Square

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



19.7527, 25.8733, 5.3195



14.0349, 25.8733, 45.8286



30.1629, 25.8733, 81.7415



39.4390, 25.8733, 15.7560

Rectangle

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



19.7527, 25.8733, 5.3195



13.7635, 25.8733, 17.9735



30.1629, 25.8733, 81.7415



39.9855, 25.8733, 41.6414

Sweetspot

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



19.7533, 25.8745, 5.3200



43.4313, 49.5342, 34.2018



13.6729, 8.7979, 2.3444



9.7524, 11.2362, 7.2524



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.



19.7533, 25.8745, 5.3200



33.2952, 44.8951, 7.2420



13.4258, 22.6125, 5.0239



6.1683, 6.6946, 6.2075



15.9788, 21.6653, 3.3396



0.2164, 0.2759, 0.0418

Inverse Universe

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



7.2789, 3.9019, 28.3881



10.5312, 4.5254, 49.7530



12.2105, 6.4442, 28.6189



5.5872, 5.6782, 7.2713



4.9364, 2.0174, 24.0603



0.0779, 0.0337, 0.2953

Previews

White Background



This preview shows how the XYZ color 19.7527, 25.8733, 5.3195 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 19.7527, 25.8733, 5.3195 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 19.7527, 25.8733, 5.3195

Background



This preview shows how black text looks on a background with the XYZ color 19.7527, 25.8733, 5.3195.



This preview shows how white text looks on a background with the XYZ color 19.7527, 25.8733,

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

19.7527, 25.8733, 5.3195

Protanopia

23.1773, 25.6269, 4.9532

Deuteranopia

26.0898, 25.6544, 5.5842



Tritanopia

25.1608, 25.8359, 32.0945

Trichromacy



Original Color

19.7527, 25.8733, 5.3195

Protanomaly

21.7744, 25.5559, 5.0815

Deuteranomaly

23.3270, 25.4786, 5.4387

Tritanomaly

22.2662, 25.5375, 17.3913

Monochromacy



Original Color

19.7527, 25.8733, 5.3195

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

19.8778, 23.0836, 13.9976

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.7527, 25.8733, 5.3195 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(128, 148, 32)` looks like.

```
.text, #text, p{  
    color:rgb(128, 148, 32)  
}
```

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(128, 148, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 148, 32) }
```

Border

The CSS property to change the border of an element to XYZ 19.7527, 25.8733, 5.3195 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(128, 148, 32) }
```


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

```
.border{ border-color:rgb(128, 148, 32) }
```

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

Here you see how a box with a 4 pixel rgb(128, 148, 32) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 148, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 148, 32);  
box-shadow:4px 4px 4px 4px rgb(128, 148,  
32) }
```

Background

The CSS property to change the background color of an element to XYZ 19.7527, 25.8733, 5.3195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 148, 32) }
```

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

```
.background{ background-color: rgb(128,  
148, 32) }
```

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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