

Converting Colors

XYZ(19.4939, 25.2558, 5.1591)

Have a look what the booklet for
XYZ(19.4939, 25.2558, 5.1591)
contains.

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Color

**XYZ(19.5795, 25.3238,
5.1524)**

Conversions

Conversions Part 1

Format	Color
Hex	81921F
RGB	129, 146, 31
RGB Percent	51%, 57%, 12%
CMY	0.4941, 0.4274, 0.8784
CMYK	0.12, 0.00, 0.79, 0.43
HSL	69°, 65%, 35%
HSV	69°, 79%, 57%
XYZ	19.5795, 25.3238, 5.1524
YIQ	127.8070, 26.7830, -39.3690

Conversions

Conversions Part 2

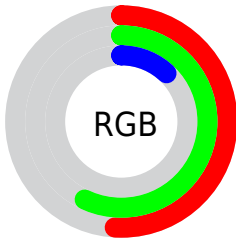
Format	Color
R_{YB}	31, 146, 48
Decimal	8491551
CIE _{Lab}	57.39, -21.04, 54.19
CIE _{LCh}	57, 58.134, 111.216
Yxy	25.3238, 0.3912, 0.5059
Android (android.graphics.Color)	4286681631 (0xFF81921F)
YUV	127.8070, -47.7259, 1.0463
Hunter-Lab	50.3228, -18.6143, 29.1554

Details

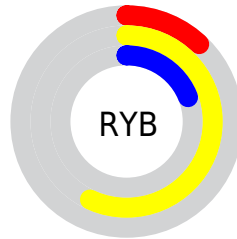
The XYZ color **19.5795, 25.3238, 5.1524** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **6.8981, 3.6843, 27.5432**, and the grayscale version is **20.6053, 21.6783, 23.6077**.

A 20% lighter version of the original color is **42.3416, 52.2947, 16.6664**, and **7.1634, 9.9022, 1.5338** is the 20% darker color. If you saturate the color by 10%, you get **19.1048, 25.0973, 4.3436**, and if you desaturate by 10%, it is **20.1495, 25.5910, 6.4218**.

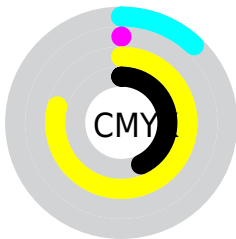
Distribution



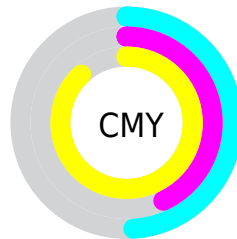
- Red (51%)
- Green (57%)
- Blue (12%)



- Red (12%)
- Yellow (57%)
- Blue (19%)



- Cyan (12%)
- Magenta (0%)
- Yellow (79%)
- Black (43%)



- Cyan (49%)
- Magenta (43%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.5795, 25.3238, 5.1524 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 19.5795, 25.3238, 5.1524 by changing the saturation by 10% instead.

■ 19.5795, 25.3238,
5.1524

■ 19.5795, 25.3238,
5.1524

■ 242.5067,
279.4467, 160.2827

■ 12.1962, 16.3185,
2.2767

■ 42.2204, 52.1820,
16.5907

■ 6.9506, 9.7498,
0.7181

■ 58.2087, 70.8037,
25.9903

■ 3.4773, 5.2334,
0.0000

■ 77.7962, 93.3996,
38.4016

■ 1.4109, 2.3848,
0.0000

■ 101.3480,
120.3542, 54.2432

■ 0.2640, 0.8181,
0.0000

■ 129.2296,
152.0518, 73.9335

■ 0.0000, 0.0000,
0.0000

■ 161.8064,

188.8768, 97.8912

199.4436,
231.2136, 126.5347

■ 19.5795, 25.3238,
5.1524

■ 19.5795, 25.3238,
5.1524

■ 19.1048, 25.0973,
4.3436

■ 20.1495, 25.5910,
6.4218

■ 18.7005, 24.8989,
3.8722

■ 20.8236, 25.8997,
8.2052

■ 18.6518, 24.8750,
3.8183

■ 21.6113, 26.2547,
10.5506

■ 22.5207, 26.6592,
13.4998

■ 23.5590, 27.1161,
17.0909

■ 24.7329, 27.6280,
21.3586

■ 26.0486, 28.1974,
26.3355

■ 27.5118, 28.8267,
32.0516

■ 29.1280, 29.5181,
38.5356

Harmonies

Analogous

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



26.1533, 25.3238, 4.4870



19.5795, 25.3238, 5.1524



15.1364, 25.3238, 9.9617

Triad

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



19.5795, 25.3238, 5.1524



16.6776, 25.3238, 69.0748



39.7099, 25.3238, 33.7933

Complementary

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



19.5795, 25.3238, 5.1524



6.8981, 3.6843, 27.5432

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.



35.9663, 25.3238, 58.8862



19.5795, 25.3238, 5.1524



22.0995, 25.3238, 84.7662

Square

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



19.5795, 25.3238, 5.1524



13.6972, 25.3238, 43.7402



29.1983, 25.3238, 80.3417



38.6804, 25.3238, 15.9798

Rectangle

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



19.5795, 25.3238, 5.1524



13.5653, 25.3238, 17.0572



29.1983, 25.3238, 80.3417



38.9454, 25.3238, 41.7100

Sweetspot

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



19.5801, 25.3250, 5.1529



42.4146, 48.2075, 33.2200



13.0924, 8.1908, 2.1876



9.2928, 10.6619, 6.8765



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



19.5801, 25.3250, 5.1529



33.1245, 43.9886, 7.0157



13.2875, 22.0810, 4.8584



6.1821, 6.7017, 6.2082



16.4273, 21.8965, 3.3606



0.2195, 0.2775, 0.0420

Inverse Universe

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



6.8981, 3.6843, 27.5432



9.9807, 4.2399, 48.2659



11.3688, 5.9890, 27.7524



5.5746, 5.6717, 7.2707



4.8616, 1.9788, 24.0568



0.0748, 0.0321, 0.2952

Previews

White Background



This preview shows how the XYZ color 19.5795, 25.3238, 5.1524 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 19.5795, 25.3238, 5.1524 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 19.5795, 25.3238, 5.1524

Background



This preview shows how black text looks on a background with the XYZ color 19.5795, 25.3238, 5.1524.



This preview shows how white text looks on a background with the XYZ color 19.5795, 25.3238,

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

19.5795, 25.3238, 5.1524

Protanopia

22.8278, 25.2342, 4.8299

Deuteranopia

25.7161, 25.2633, 5.4404



Tritanopia

24.8858, 25.2904, 31.1737

Trichromacy



Original Color

19.5795, 25.3238, 5.1524

Protanomaly

21.6133, 25.2545, 4.9638

Deuteranomaly

23.0272, 24.9038, 5.2623

Tritanomaly

22.0812, 25.0103, 17.0283

Monochromacy



Original Color

19.5795, 25.3238, 5.1524

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 19.5795, 25.3238, 5.1524 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(129, 146, 31)` looks like.

```
.text, #text, p{  
    color:rgb(129, 146, 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(129, 146, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 146, 31) }
```

Border

The CSS property to change the border of an element to XYZ 19.5795, 25.3238, 5.1524 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(129, 146, 31) }
```


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

```
.border{ border-color:rgb(129, 146, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 146, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 146, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 146, 31);  
box-shadow:4px 4px 4px 4px rgb(129, 146,  
31) }
```

Background

The CSS property to change the background color of an element to XYZ 19.5795, 25.3238, 5.1524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 146, 31) }
```

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

```
.background{ background-color: rgb(129,  
146, 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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