

Converting Colors

XYZ(19.2521, 8.6676, 95.2661)

Have a look what the booklet for
XYZ(19.2521, 8.6676, 95.2661)
contains.

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Color

**XYZ(19.2535, 8.6478,
95.2622)**

Conversions

Conversions Part 1

Format	Color
Hex	2221FF
RGB	34, 33, 255
RGB Percent	13%, 13%, 100%
CMY	0.8666, 0.8706, 0.0000
CMYK	0.87, 0.87, 0.00, 0.00
HSL	240°, 100%, 56%
HSV	240°, 87%, 100%
XYZ	19.2535, 8.6478, 95.2622
YIQ	58.6070, -70.6660, 69.2540

Conversions

Conversions Part 2

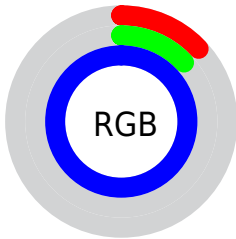
Format	Color
R_{YB}	34, 33, 255
Decimal	2236927
CIE _{Lab}	35.30, 72.54, -102.84
CIE _{LCh}	35, 125.852, 305.197
Yxy	8.6478, 0.1563, 0.0702
Android (android.graphics.Color)	4280427007 (0xFF2221FF)
YUV	58.6070, 96.8217, -21.5803
Hunter-Lab	29.4071, 65.4054, -171.4804

Details

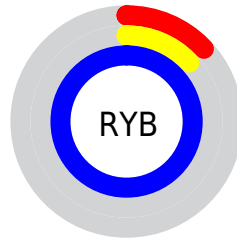
The XYZ color **19.2535, 8.6478, 95.2622** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark washed blue. A complement of this color would be **76.8947, 92.6940, 15.2772**, and the grayscale version is **3.9847, 4.1922, 4.5653**.

A 20% lighter version of the original color is **30.2921, 18.7115, 96.6228**, and **9.9638, 3.9855, 52.4687** is the 20% darker color. If you saturate the color by 10%, you get **18.2395, 7.4384, 95.0822**, and if you desaturate by 10%, it is **21.4159, 11.2382, 95.6482**.

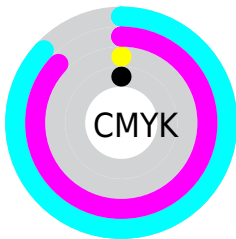
Distribution



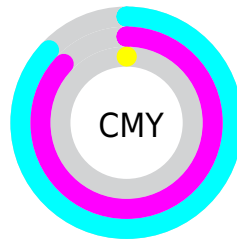
- Red (13%)
- Green (13%)
- Blue (100%)



- Red (13%)
- Yellow (13%)
- Blue (100%)



- Cyan (87%)
- Magenta (87%)
- Yellow (0%)
- Black (0%)



- Cyan (87%)
- Magenta (87%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.2535, 8.6478, 95.2622 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 19.2535, 8.6478, 95.2622 by changing the saturation by 10% instead.

■ 19.2535, 8.6478,
95.2622

■ 19.2535, 8.6478,
95.2622

240.7560,
180.7283, 566.0098

■ 11.9587, 4.5122,
71.7551

■ 41.6756, 23.2189,
156.6255

■ 6.7876, 1.9640,
52.4731

■ 57.5336, 34.4233,
195.3188

■ 3.3747, 0.5864,
36.9974

■ 76.9766, 48.7526,
239.9112

■ 1.3549, 0.0000,
24.9097

■ 100.3702, 66.5913,
290.8214

■ 0.2237, 0.0000,
15.7914

■ 128.0795, 88.3239,
348.4678

■ 0.0000, 0.0000,
9.2239

■ 160.4701,

■ 0.0000, 0.0000,

114.3346, 413.2690

4.7887

197.9071,
145.0080, 485.6435

■ 0.0000, 0.0000,
2.0673

■ 0.0000, 0.0000,
0.5962

■ 19.2535, 8.6478,
95.2622

■ 19.2535, 8.6478,
95.2622

■ 18.2395, 7.4384,
95.0822

■ 21.4159, 11.2382,
95.6482

■ 18.0649, 7.2277,
95.0507

■ 24.9469, 15.4808,
96.2810

■ 30.0228, 21.5884,
97.1923

■ 36.7934, 29.7424,
98.4094

■ 45.3905, 40.1025,
99.9560

■ 55.9331, 52.8127,
101.8536

■ 68.5300, 68.0049,
104.1221

■ 83.2821, 85.8011,
106.7796

95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



9.5575, 8.6478, 132.9710



19.2535, 8.6478, 95.2622



28.6766, 8.6478, 38.3464

Triad

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



19.2535, 8.6478, 95.2622



15.6250, 8.6478, 0.0000



0.6544, 8.6478, 13.5464

Complementary

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



19.2535, 8.6478, 95.2622



76.8947, 92.6940, 15.2772

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.



0.9280, 8.6478, 0.5637



19.2535, 8.6478, 95.2622



7.0126, 8.6478, 0.0000

Square

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



19.2535, 8.6478, 95.2622



25.8504, 8.6478, 0.0000



2.4935, 8.6478, 0.0000



1.2578, 8.6478, 56.7819

Rectangle

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



19.2535, 8.6478, 95.2622



31.6378, 8.6478, 13.1985



2.4935, 8.6478, 0.0000



0.6526, 8.6478, 6.4355

Sweetspot

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



19.2542, 8.6478, 95.2621



57.1716, 54.3062, 102.0766



54.4369, 79.0632, 106.9993



11.3907, 10.6032, 21.6962



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



19.2542, 8.6478, 95.2621



18.0649, 7.2277, 95.0507



30.0945, 14.2362, 95.7694



17.0109, 17.3818, 22.7084



9.4427, 3.7784, 49.6662



0.9220, 0.3692, 4.8359

Inverse Universe

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



59.6674, 29.5008, 96.2860



59.0992, 28.4037, 95.9751



47.5353, 77.5587, 13.9032



18.7889, 18.2989, 22.7713



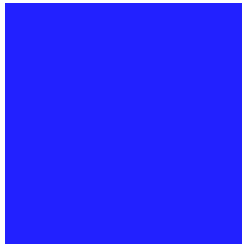
30.8823, 14.8422, 50.1580



3.0080, 1.4456, 4.8897

Previews

White Background



This preview shows how the XYZ color 19.2535, 8.6478, 95.2622 looks on a white background.

Color Contrast Check

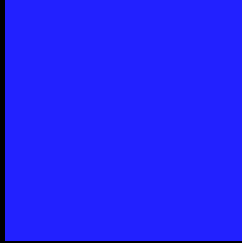
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the XYZ color 19.2535, 8.6478, 95.2622 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 19.2535, 8.6478, 95.2622

Background



This preview shows how black text looks on a background with the XYZ color 19.2535, 8.6478, 95.2622.



This preview shows how white text looks on a background with the XYZ color 19.2535, 8.6478,

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

19.2535, 8.6478, 95.2622

Protanopia

9.6789, 8.3451, 37.1770

Deuteranopia

8.0562, 8.4201, 26.3999



Tritanopia

5.8524, 8.3267, 12.3651

Trichromacy



Original Color

19.2535, 8.6478, 95.2622

Protanomaly

12.0673, 7.6006, 54.2571

Deuteranomaly

10.5433, 7.3520, 45.1194

Tritanomaly

8.1745, 6.7916, 31.4519

Monochromacy



Original Color

19.2535, 8.6478, 95.2622

Achromatopsia

4.1570, 4.3735, 4.7627

Achromatomaly

6.4853, 4.5710, 21.6596

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.2535, 8.6478, 95.2622 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(34, 33, 255)` looks like.

```
.text, #text, p{  
    color:rgb(34, 33, 255)  
}
```

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(34, 33, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 33, 255) }
```

Border

The CSS property to change the border of an element to XYZ 19.2535, 8.6478, 95.2622 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(34, 33, 255) }
```


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

```
.border{ border-color:rgb(34, 33, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(34, 33, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 33, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 33, 255);  
box-shadow:4px 4px 4px 4px rgb(34, 33,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 19.2535, 8.6478, 95.2622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 33, 255) }
```

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

```
.background{ background-color: rgb(34, 33,  
255) }
```

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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