

Converting Colors

XYZ(20.5469, 8.8786, 95.2385)

Have a look what the booklet for
XYZ(20.5469, 8.8786, 95.2385)
contains.

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Color

**XYZ(20.5469, 8.8786,
95.2385)**

Conversions

Conversions Part 1

Format	Color
Hex	4214FF
RGB	66, 20, 255
RGB Percent	26%, 8%, 100%
CMY	0.7411, 0.9216, 0.0000
CMYK	0.74, 0.92, 0.00, 0.00
HSL	252°, 100%, 54%
HSV	252°, 92%, 100%
XYZ	20.5469, 8.8786, 95.2385
YIQ	60.5440, -48.0190, 82.8370

Conversions

Conversions Part 2

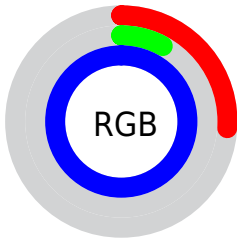
Format	Color
R _Y B	66, 20, 255
Decimal	4330751
CIE Lab	35.75, 77.02, -102.05
CIE LCh	36, 127.852, 307.045
Yxy	8.8786, 0.1648, 0.0712
Android (android.graphics.Color)	4282520831 (0xFF4214FF)
YUV	60.5440, 95.8668, 4.7849
Hunter-Lab	29.7970, 70.9423, -168.6476

Details

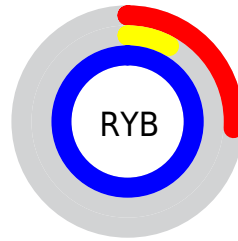
The XYZ color **20.5469, 8.8786, 95.2385** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark washed blue. A complement of this color would be **62.1737, 85.1222, 13.8146**, and the grayscale version is **4.2460, 4.4671, 4.8647**.

A 20% lighter version of the original color is **32.3950, 19.0942, 96.5859**, and **9.9638, 3.9855, 52.4687** is the 20% darker color. If you saturate the color by 10%, you get **19.3624, 7.8966, 95.1114**, and if you desaturate by 10%, it is **22.8929, 11.1375, 95.5509**.

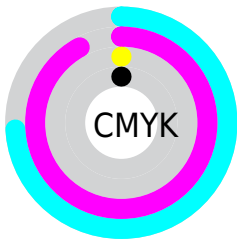
Distribution



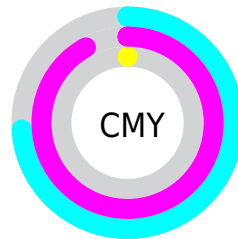
- Red (26%)
- Green (8%)
- Blue (100%)



- Red (26%)
- Yellow (8%)
- Blue (100%)



- Cyan (74%)
- Magenta (92%)
- Yellow (0%)
- Black (0%)





- Cyan (74%)
- Magenta (92%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 20.5469, 8.8786, 95.2385 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 20.5469, 8.8786, 95.2385 by changing the saturation by 10% instead.


 20.5469, 8.8786,
95.2385


 20.5469, 8.8786,
95.2385


247.6382,
182.4696, 565.9321


 12.9038, 4.6621,
71.7355

 43.8292, 23.6637,
156.5925


 7.4389, 2.0504,
52.4571


 60.1991, 35.0011,
195.2805

 3.7868, 0.6365,
36.9848


 80.2086, 49.4808,
239.8674

 1.5822, 0.0000,
24.9000

 104.2231, 67.4874,
290.7715

 0.3808, 0.0000,
15.7843

 132.6080, 89.4052,
348.4115

 0.0000, 0.0000,
9.2189

 165.7285,

 0.0000, 0.0000,

115.6186, 413.2059

4.7855

203.9501,
146.5119, 485.5733

0.0000, 0.0000,
2.0654

0.0000, 0.0000,
0.5951

20.5469, 8.8786,
95.2385

20.5469, 8.8786,
95.2385

19.3624, 7.8966,
95.1114

22.8929, 11.1375,
95.5509

26.3690, 14.8524,
96.0847

31.1094, 20.2281,
96.8725

37.2277, 27.4357,
97.9412

■ 44.8243, 36.6244,
99.3145

■ 53.9900, 47.9280,
101.0132

■ 64.8080, 61.4685,
103.0566

■ 77.3556, 77.3585,
105.4623

■ 91.7052, 95.7030,
108.2469

Harmonies

Analogous

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



10.3466, 8.8786, 137.3714



20.5469, 8.8786, 95.2385



30.0935, 8.8786, 36.6209

Triad

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



20.5469, 8.8786, 95.2385



15.4576, 8.8786, 0.0000



0.6641, 8.8786, 15.7125

Complementary

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



20.5469, 8.8786, 95.2385



62.1737, 85.1222, 13.8146

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.



0.8886, 8.8786, 0.8231



20.5469, 8.8786, 95.2385



6.7813, 8.8786, 0.0000

Square

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



20.5469, 8.8786, 95.2385



26.1276, 8.8786, 0.0000



2.3681, 8.8786, 0.0000



1.3474, 8.8786, 62.5358

Rectangle

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



20.5469, 8.8786, 95.2385



32.8085, 8.8786, 11.9719



2.3681, 8.8786, 0.0000



0.6447, 8.8786, 7.6792

Sweetspot

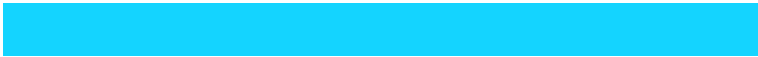
The Sweet Spot groups the original color and five complimentary colors.



20.5476, 8.8786, 95.2385



58.2864, 53.2842, 101.8206



41.8604, 54.4129, 102.9042



11.5232, 10.2177, 21.6148



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.



20.5476, 8.8786, 95.2385



19.3624, 7.8966, 95.1114



37.2576, 17.4929, 96.0205



17.3351, 17.5489, 22.7236



10.2109, 4.1744, 49.7021



1.0768, 0.4490, 4.8432

Inverse Universe

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



52.9955, 26.3622, 62.6009



52.2668, 25.6707, 59.9964



40.5443, 73.9718, 12.8024



18.6312, 18.2358, 21.9409



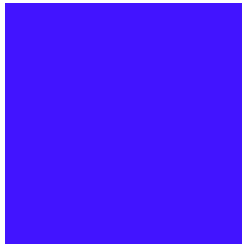
27.3645, 13.4351, 31.6337



2.7015, 1.3230, 3.2757

Previews

White Background



This preview shows how the XYZ color 20.5469, 8.8786, 95.2385 looks on a white background.

Color Contrast Check

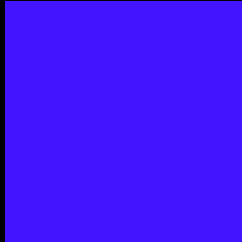
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.5469, 8.8786, 95.2385 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

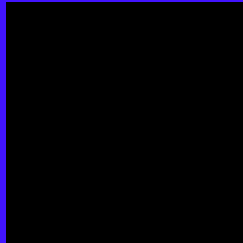
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 20.5469, 8.8786, 95.2385

Background



This preview shows how black text looks on a background with the XYZ color 20.5469, 8.8786, 95.2385.



This preview shows how white text looks on a background with the XYZ color 20.5469, 8.8786,

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

20.5469, 8.8786, 95.2385

Protanopia

10.1039, 8.7494, 38.6924

Deuteranopia

8.3618, 8.6692, 27.6182



Tritanopia

6.1190, 8.7105, 12.9141

Trichromacy



Original Color

20.5469, 8.8786, 95.2385

Protanomaly

12.3660, 7.4923, 55.4380

Deuteranomaly

10.7510, 7.1001, 46.1512

Tritanomaly

8.2413, 6.4572, 31.8223

Monochromacy



Original Color

20.5469, 8.8786, 95.2385

Achromatopsia

4.4355, 4.6665, 5.0818

Achromatomaly

7.1918, 4.6767, 22.3534

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.5469, 8.8786, 95.2385 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(66, 20, 255)` looks like.

```
.text, #text, p{  
    color:rgb(66, 20, 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(66, 20, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 20, 255) }
```

Border

The CSS property to change the border of an element to XYZ 20.5469, 8.8786, 95.2385 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(66, 20, 255) }
```


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

```
.border{ border-color:rgb(66, 20, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 20, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 20, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 20, 255);  
box-shadow:4px 4px 4px 4px rgb(66, 20,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 20.5469, 8.8786, 95.2385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 20, 255) }
```

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

```
.background{ background-color: rgb(66, 20,  
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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