

Converting Colors

XYZ(25.8160, 13.3339, 97.0412)

Have a look what the booklet for
XYZ(25.8160, 13.3339, 97.0412)
contains.

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Color

**XYZ(25.5765, 13.2721,
95.8215)**

Conversions

Conversions Part 1

Format	Color
Hex	6B39FF
RGB	107, 57, 255
RGB Percent	42%, 22%, 100%
CMY	0.5804, 0.7765, 0.0000
CMYK	0.58, 0.78, 0.00, 0.00
HSL	255°, 100%, 61%
HSV	255°, 78%, 100%
XYZ	25.5765, 13.2721, 95.8215
YIQ	94.5220, -33.7580, 72.1780

Conversions

Conversions Part 2

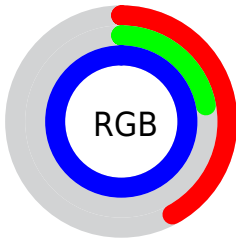
Format	Color
R _Y B	107, 57, 255
Decimal	7027199
CIE Lab	43.17, 67.76, -89.64
CIE LCh	43, 112.369, 307.085
Yxy	13.2721, 0.1899, 0.0986
Android (android.graphics.Color)	4285217279 (0xFF6B39FF)
YUV	94.5220, 79.1157, 10.9432
Hunter-Lab	36.4309, 61.5628, -130.4445

Details

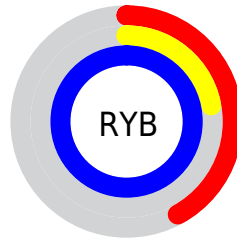
The XYZ color **25.5765, 13.2721, 95.8215** is a dark color, and the websafe version is hex **6633FF**. The color can be described as middle washed purple. A complement of this color would be **61.6730, 84.7934, 16.9870**, and the grayscale version is **10.5875, 11.1389, 12.1303**.

A 20% lighter version of the original color is **40.7477, 27.3595, 97.7410**, and **10.2297, 4.1094, 53.0773** is the 20% darker color. If you saturate the color by 10%, you get **22.5726, 10.2984, 95.4058**, and if you desaturate by 10%, it is **29.7190, 17.7707, 96.4715**.

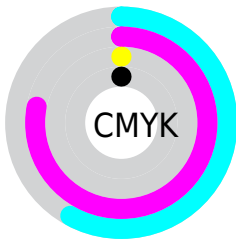
Distribution



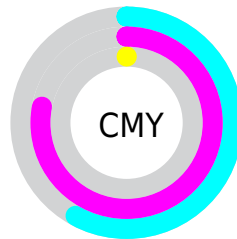
- Red (42%)
- Green (22%)
- Blue (100%)



- Red (42%)
- Yellow (22%)
- Blue (100%)



- Cyan (58%)
- Magenta (78%)
- Yellow (0%)
- Black (0%)



- Cyan (58%)
- Magenta (78%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.5765, 13.2721, 95.8215 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 25.5765, 13.2721, 95.8215 by changing the saturation by 10% instead.

■ 25.5765, 13.2721,
95.8215

■ 25.5765, 13.2721,
95.8215

272.9919,
212.6542, 567.8430

■ 16.6381, 7.6162,
72.2182

■ 52.0271, 31.7918,
157.4044

■ 10.0705, 3.8503,
52.8490

■ 70.2701, 45.4243,
196.2211

■ 5.5084, 1.5902,
37.2954

■ 92.3452, 62.4845,
240.9460

■ 2.5863, 0.3510,
25.1387

■ 118.6180, 83.3568,
291.9977

■ 0.9390, 0.0000,
15.9605

■ 149.4537,
108.4255, 349.7947

■ 0.0000, 0.0000,
9.3421

■ 185.2176,

■ 0.0000, 0.0000,

138.0750, 414.7556

4.8652

226.2753,
172.6898, 487.2988

■ 0.0000, 0.0000,
2.1110

■ 0.0000, 0.0000,
0.6223

■ 25.5765, 13.2721,
95.8215

■ 25.5765, 13.2721,
95.8215

■ 22.5726, 10.2984,
95.4058

■ 29.7190, 17.7707,
96.4715

■ 20.5614, 8.6113,
95.1862

■ 35.1117, 23.9760,
97.3850

■ 20.1907, 8.3236,
95.1502

■ 41.8541, 32.0442,
98.5869

■ 50.0347, 42.1132,
100.0993

■ 59.7339, 54.3076,
101.9418

■ 71.0261, 68.7419,
104.1328

■ 83.9806, 85.5221,
106.6889

■ 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.



14.7850, 13.2721, 132.5078



25.5765, 13.2721, 95.8215



35.0480, 13.2721, 42.1583

Triad

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



25.5765, 13.2721, 95.8215



20.2843, 13.2721, 0.0000



2.2485, 13.2721, 21.1770

Complementary

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



25.5765, 13.2721, 95.8215



61.6730, 84.7934, 16.9870

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.



2.6463, 13.2721, 2.6921



25.5765, 13.2721, 95.8215



10.6680, 13.2721, 0.0000

Square

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



25.5765, 13.2721, 95.8215



31.1388, 13.2721, 0.4666



4.9952, 13.2721, 0.0000



3.4408, 13.2721, 66.6039

Rectangle

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



25.5765, 13.2721, 95.8215



37.6686, 13.2721, 17.0182



4.9952, 13.2721, 0.0000



2.2152, 13.2721, 12.1560

Sweetspot

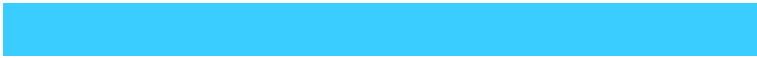
The Sweet Spot groups the original color and five complimentary colors.



25.5773, 13.2723, 95.8215



64.7797, 60.7309, 102.9157



41.6883, 51.9919, 102.4460



13.0196, 11.9212, 21.8648



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.



25.5773, 13.2723, 95.8215



21.3850, 9.2568, 95.2674



44.8280, 23.1964, 96.7224



17.4329, 17.5994, 22.7282



10.6648, 4.4084, 49.7234



1.1337, 0.4784, 4.8459

Inverse Universe

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



53.7215, 28.5935, 60.4400



51.3160, 25.6326, 53.9344



42.5018, 74.9102, 16.0898



18.5851, 18.2174, 21.6984



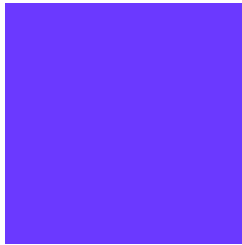
26.5027, 13.0904, 27.0954



2.6244, 1.2921, 2.8696

Previews

White Background



This preview shows how the XYZ color 25.5765, 13.2721, 95.8215 looks on a white background.

Color Contrast Check

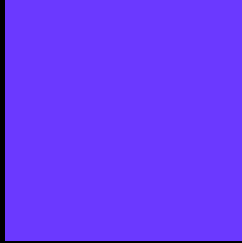
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 25.5765, 13.2721, 95.8215 looks on a black 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

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

XYZ 25.5765, 13.2721, 95.8215

Background



This preview shows how black text looks on a background with the XYZ color 25.5765, 13.2721, 95.8215.



This preview shows how white text looks on a background with the XYZ color 25.5765, 13.2721,

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

25.5765, 13.2721, 95.8215

Protanopia

15.5083, 13.1916, 60.1214

Deuteranopia

12.7868, 13.0352, 42.9164



Tritanopia

10.2709, 13.1876, 19.4569

Trichromacy



Original Color

25.5765, 13.2721, 95.8215

Protanomaly

17.3845, 11.9997, 71.9209

Deuteranomaly

15.2643, 11.6555, 59.2028

Tritanomaly

13.4075, 11.6489, 38.5876

Monochromacy



Original Color

25.5765, 13.2721, 95.8215

Achromatopsia

10.8771, 11.4435, 12.4620

Achromatomaly

13.8378, 10.8374, 31.4995

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.5765, 13.2721, 95.8215 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(107, 57, 255)` looks like.

```
.text, #text, p{  
    color:rgb(107, 57, 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(107, 57, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 57, 255) }
```

Border

The CSS property to change the border of an element to XYZ 25.5765, 13.2721, 95.8215 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(107, 57, 255) }
```


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

```
.border{ border-color:rgb(107, 57, 255) }
```

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

Here you see how a box with a 4 pixel rgb(107, 57, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 57, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 57, 255);  
box-shadow:4px 4px 4px 4px rgb(107, 57,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 25.5765, 13.2721, 95.8215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 57, 255) }
```

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

```
.background{ background-color: rgb(107, 57,  
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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