

Converting Colors

XYZ(25.2163, 19.7389, 79.5717)

Have a look what the booklet for
XYZ(25.2163, 19.7389, 79.5717)
contains.

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Color

**XYZ(25.2163, 19.7389,
79.5717)**

Conversions

Conversions Part 1

Format	Color
Hex	606FE9
RGB	96, 111, 233
RGB Percent	38%, 44%, 91%
CMY	0.6235, 0.5647, 0.0863
CMYK	0.59, 0.52, 0.00, 0.09
HSL	233°, 76%, 65%
HSV	233°, 59%, 91%
XYZ	25.2163, 19.7389, 79.5717
YIQ	120.4230, -48.1020, 34.7620

Conversions

Conversions Part 2

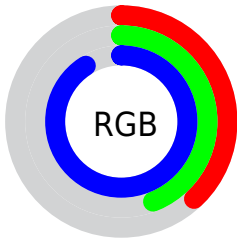
Format	Color
R _Y B	96, 110, 233
Decimal	6320105
CIE Lab	51.54, 30.16, -63.70
CIE LCh	52, 70.476, 295.334
Yxy	19.7389, 0.2025, 0.1585
Android (android.graphics.Color)	4284510185 (0xFF606FE9)
YUV	120.4230, 55.5005, -21.4190
Hunter-Lab	44.4285, 23.5615, -75.0888

Details

The XYZ color **25.2163, 19.7389, 79.5717** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **60.7892, 68.3146, 21.0501**, and the grayscale version is **17.8277, 18.7561, 20.4254**.

A 20% lighter version of the original color is **44.8750, 40.2288, 100.0075**, and **9.8510, 6.8947, 41.8859** is the 20% darker color. If you saturate the color by 10%, you get **21.1109, 14.6430, 78.8049**, and if you desaturate by 10%, it is **30.5755, 26.2620, 80.5488**.

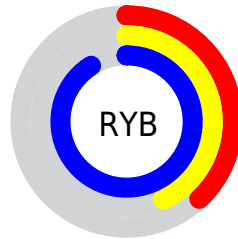
Distribution



Red (38%)

Green (44%)

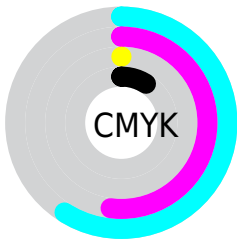
Blue (91%)



Red (38%)

Yellow (43%)

Blue (91%)

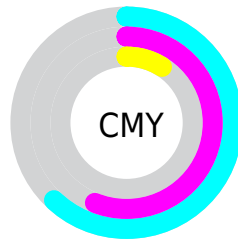


Cyan (59%)

Magenta (52%)

Yellow (0%)

Black (9%)



Cyan (62%)

Magenta (56%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.2163, 19.7389, 79.5717 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 25.2163, 19.7389, 79.5717 by changing the saturation by 10% instead.

■ 25.2163, 19.7389,
79.5717

■ 25.2163, 19.7389,
79.5717

271.2412,
250.4981, 513.1569

■ 16.3679, 12.2054,
58.8419

■ 51.4483, 42.9790,
134.5693

■ 9.8773, 6.8837,
42.0667

■ 69.5625, 59.4544,
169.6743

■ 5.3793, 3.3895,
28.8275

■ 91.4961, 79.6792,
210.4079

■ 2.5085, 1.3383,
18.7059

■ 117.6144,
104.0378, 257.1889

■ 0.8996, 0.1706,
11.2833

148.2826,
132.9146, 310.4358

■ 0.0000, 0.0000,
6.1412

183.8663,

■ 0.0000, 0.0000,

166.6940, 370.5671

2.8609

224.7307,
205.7603, 438.0012

■ 0.0000, 0.0000,
1.0241

■ 0.0000, 0.0000,
0.0000

■ 25.2163, 19.7389,
79.5717

■ 25.2163, 19.7389,
79.5717

■ 21.1109, 14.6430,
78.8049

■ 30.5755, 26.2620,
80.5488

■ 18.1535, 10.8645,
78.2315

■ 37.2775, 34.3072,
81.7484

■ 16.2247, 8.2801,
77.8343

■ 45.4062, 43.9635,
83.1839

■ 15.1585, 6.7319,
77.5917

■ 55.0377, 55.3123,
84.8668

■ 15.0665, 6.6001,
77.5711

■ 66.2428, 68.4296,
86.8081

■ 79.0879, 83.3866,
89.0181

■ 91.7081, 98.6632,
91.3016

Harmonies

Analogous

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



17.6746, 19.7389, 88.5625



25.2163, 19.7389, 79.5717



32.3474, 19.7389, 52.2048

Triad

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



25.2163, 19.7389, 79.5717



27.6273, 19.7389, 2.7226



8.1941, 19.7389, 18.4718

Complementary

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



25.2163, 19.7389, 79.5717



60.7892, 68.3146, 21.0501

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.



9.6378, 19.7389, 6.0607



25.2163, 19.7389, 79.5717



19.8915, 19.7389, 1.3427

Square

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



25.2163, 19.7389, 79.5717



33.9673, 19.7389, 8.7457



13.5140, 19.7389, 1.9978



8.9443, 19.7389, 42.8871

Rectangle

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



25.2163, 19.7389, 79.5717



35.2707, 19.7389, 32.9631



13.5140, 19.7389, 1.9978



8.4258, 19.7389, 13.0492

Sweetspot

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



25.2172, 19.7395, 79.5722



68.4507, 68.9457, 104.3079



46.4904, 65.7760, 75.9036



13.8610, 13.8287, 22.1886



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.



25.2172, 19.7395, 79.5722



24.8521, 16.6377, 96.5093



31.1988, 20.5949, 79.4221



14.3639, 14.8143, 19.0246



8.5925, 3.8321, 44.0298



0.7189, 0.3894, 3.4721

Inverse Universe

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



40.6573, 26.8385, 18.0767



45.6953, 26.9548, 13.3291



50.1865, 68.8846, 21.7190



15.1325, 15.0808, 15.9830



19.1924, 9.8797, 1.5487



1.5294, 0.7847, 0.2392

Previews

White Background



This preview shows how the XYZ color 25.2163, 19.7389, 79.5717 looks on a white background.

Color Contrast Check

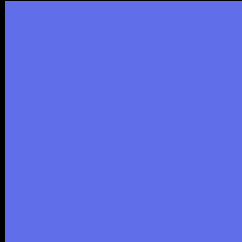
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.2163, 19.7389, 79.5717 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

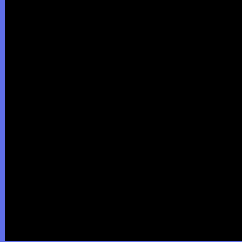
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.2163, 19.7389, 79.5717

Background



This preview shows how black text looks on a background with the XYZ color 25.2163, 19.7389, 79.5717.



This preview shows how white text looks on a background with the XYZ color 25.2163, 19.7389,

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

25.2163, 19.7389, 79.5717

Protanopia

23.4378, 19.8656, 85.8182

Deuteranopia

20.1198, 19.7817, 69.7757



Tritanopia

15.1665, 19.6882, 29.3864

Trichromacy



Original Color

25.2163, 19.7389, 79.5717

Protanomaly

23.6777, 19.5245, 83.4096

Deuteranomaly

20.8642, 19.1721, 73.1219

Tritanomaly

17.8426, 19.1795, 43.8359

Monochromacy



Original Color

25.2163, 19.7389, 79.5717

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

19.3499, 18.6753, 36.3031

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.2163, 19.7389, 79.5717 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(96, 111, 233)` looks like.

```
.text, #text, p{  
    color:rgb(96, 111, 233)  
}
```

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(96, 111, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 111, 233) }
```

Border

The CSS property to change the border of an element to XYZ 25.2163, 19.7389, 79.5717 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(96, 111, 233) }
```


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

```
.border{ border-color:rgb(96, 111, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 111, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 111, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 111, 233);  
box-shadow:4px 4px 4px 4px rgb(96, 111,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 25.2163, 19.7389, 79.5717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 111, 233) }
```

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

```
.background{ background-color: rgb(96, 111,  
233) }
```

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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