

Converting Colors

XYZ(25.9436, 20.5538, 59.7266)

Have a look what the booklet for
XYZ(25.9436, 20.5538, 59.7266)
contains.

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Color

**XYZ(25.9436, 20.5538,
59.7266)**

Conversions

Conversions Part 1

Format	Color
Hex	836FCC
RGB	131, 111, 204
RGB Percent	51%, 44%, 80%
CMY	0.4863, 0.5647, 0.2000
CMYK	0.36, 0.46, 0.00, 0.20
HSL	253°, 48%, 62%
HSV	253°, 46%, 80%
XYZ	25.9436, 20.5538, 59.7266
YIQ	127.5820, -17.9330, 33.1630

Conversions

Conversions Part 2

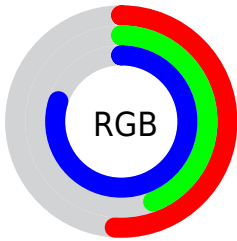
Format	Color
R_{YB}	131, 111, 204
Decimal	8613836
CIE _{Lab}	52.46, 29.26, -45.69
CIE _{LCh}	52, 54.257, 302.640
Yxy	20.5538, 0.2442, 0.1935
Android (android.graphics.Color)	4286803916 (0xFF836FCC)
YUV	127.5820, 37.6741, 2.9976
Hunter-Lab	45.3363, 22.8077, -46.3740

Details

The XYZ color **25.9436, 20.5538, 59.7266** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **44.2293, 54.5240, 23.2326**, and the grayscale version is **20.2524, 21.3071, 23.2034**.

A 20% lighter version of the original color is **51.6407, 43.9792, 100.3748**, and **10.2629, 7.3027, 29.3024** is the 20% darker color. If you saturate the color by 10%, you get **21.6753, 15.4182, 58.9607**, and if you desaturate by 10%, it is **31.1050, 26.9050, 60.6809**.

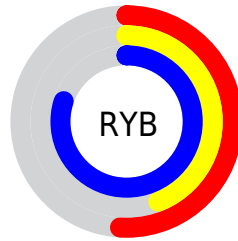
Distribution



Red (51%)

Green (44%)

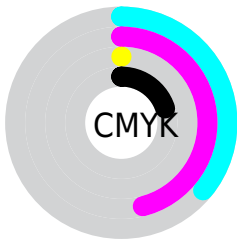
Blue (80%)



Red (51%)

Yellow (44%)

Blue (80%)

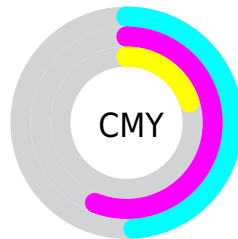


Cyan (36%)

Magenta (46%)

Yellow (0%)

Black (20%)



Cyan (49%)

Magenta (56%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.9436, 20.5538, 59.7266 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 25.9436, 20.5538, 59.7266 by changing the saturation by 10% instead.

■ 25.9436, 20.5538,
59.7266

■ 25.9436, 20.5538,
59.7266

274.7669,
254.8976, 441.3659

■ 16.9139, 12.7982,
42.7744

■ 52.6159, 44.3437,
105.9725

■ 10.2681, 7.2898,
29.3781

■ 70.9892, 61.1469,
136.1032

■ 5.6407, 3.6440,
19.1190

■ 93.2078, 81.7347,
171.4640

■ 2.6664, 1.4765,
11.5786

■ 119.6370,
106.4916, 212.4732

■ 0.9799, 0.2721,
6.3384

150.6421,
135.8020, 259.5495

■ 0.0000, 0.0000,
2.9798

186.5886,

■ 0.0000, 0.0000,

170.0501, 313.1113

1.0843

227.8417,
209.6205, 373.5773

■ 0.0000, 0.0000,
0.0000

■ 25.9436, 20.5538,
59.7266

■ 25.9436, 20.5538,
59.7266

■ 21.6753, 15.4182,
58.9607

■ 31.1050, 26.9050,
60.6809

■ 18.2452, 11.4167,
58.3691

■ 37.2054, 34.5415,
61.8333

■ 15.5955, 8.4614,
57.9383

■ 44.2901, 43.5304,
63.1949

■ 13.6599, 6.4498,
57.6521

■ 52.4009, 53.9332,
64.7754

■ 12.3591, 5.2573,
57.4905

■ 61.5770, 65.8080,
66.5839

■ 11.9325, 4.8924,
57.4425

■ 71.8556, 79.2093,
68.6288

■ 83.2720, 94.1889,
70.9185

■ 87.8991, 97.1397,
71.2441

Harmonies

Analogous

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



20.0363, 20.5538, 69.5338



25.9436, 20.5538, 59.7266



30.7548, 20.5538, 39.7711

Triad

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



25.9436, 20.5538, 59.7266



24.9187, 20.5538, 4.6370



10.6270, 20.5538, 23.8314

Complementary

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



25.9436, 20.5538, 59.7266



44.2293, 54.5240, 23.2326

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.



11.4428, 20.5538, 10.9812



25.9436, 20.5538, 59.7266



19.0436, 20.5538, 3.5397

Square

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



25.9436, 20.5538, 59.7266



30.0879, 20.5538, 9.5196



14.2808, 20.5538, 5.1527



11.7938, 20.5538, 43.4940

Rectangle

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



25.9436, 20.5538, 59.7266



32.2909, 20.5538, 26.5707



14.2808, 20.5538, 5.1527



10.6787, 20.5538, 18.6542

Sweetspot

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



25.9444, 20.5546, 59.7271



75.1315, 74.3670, 105.0022



34.8879, 42.6052, 63.5119



15.4906, 15.1637, 22.3604



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.



25.9444, 20.5546, 59.7271



35.8141, 25.4364, 97.6299



34.5112, 24.9709, 60.1280



10.8236, 10.9583, 14.1151



7.5753, 3.1128, 36.1578



0.4569, 0.1946, 1.8684

Inverse Universe

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



39.2383, 27.6674, 48.6193



60.9105, 38.8918, 75.4137



35.0934, 49.8142, 22.8050



11.5802, 11.3608, 13.5900



19.7096, 9.6944, 21.9874



1.0432, 0.5107, 1.2735

Previews

White Background



This preview shows how the XYZ color 25.9436, 20.5538, 59.7266 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 25.9436, 20.5538, 59.7266 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 25.9436, 20.5538, 59.7266

Background



This preview shows how black text looks on a background with the XYZ color 25.9436, 20.5538, 59.7266.



This preview shows how white text looks on a background with the XYZ color 25.9436, 20.5538,

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

25.9436, 20.5538, 59.7266

Protanopia

22.8434, 20.7054, 66.4109

Deuteranopia

21.2696, 20.6336, 58.1200



Tritanopia

19.1072, 20.4123, 26.2255

Trichromacy



Original Color

25.9436, 20.5538, 59.7266

Protanomaly

23.5908, 20.4348, 63.6737

Deuteranomaly

22.5227, 20.3499, 58.6180

Tritanomaly

21.1556, 20.3129, 36.5240

Monochromacy



Original Color

25.9436, 20.5538, 59.7266

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

22.0135, 20.9865, 34.3430

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.9436, 20.5538, 59.7266 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(131, 111, 204)` looks like.

```
.text, #text, p{  
    color:rgb(131, 111, 204)  
}
```

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(131, 111, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 111, 204) }
```

Border

The CSS property to change the border of an element to XYZ 25.9436, 20.5538, 59.7266 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(131, 111, 204) }
```


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

```
.border{ border-color:rgb(131, 111, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 111, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 111, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 111, 204);  
box-shadow:4px 4px 4px 4px rgb(131, 111,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 25.9436, 20.5538, 59.7266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 111, 204) }
```

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

```
.background{ background-color: rgb(131,  
111, 204) }
```

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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