

Converting Colors

XYZ(25.6663, 19.0257, 59.4463)

Have a look what the booklet for
XYZ(25.6663, 19.0257, 59.4463)
contains.

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Color

**XYZ(25.6421, 19.0133,
59.4452)**

Conversions

Conversions Part 1

Format	Color
Hex	8766CC
RGB	135, 102, 204
RGB Percent	53%, 40%, 80%
CMY	0.4706, 0.6000, 0.2000
CMYK	0.34, 0.50, 0.00, 0.20
HSL	259°, 50%, 60%
HSV	259°, 50%, 80%
XYZ	25.6421, 19.0133, 59.4452
YIQ	123.4950, -13.0740, 38.7180

Conversions

Conversions Part 2

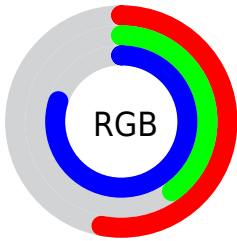
Format	Color
R _Y B	135, 102, 204
Decimal	8873676
CIE Lab	50.70, 35.57, -48.46
CIE LCh	51, 60.109, 306.278
Yxy	19.0133, 0.2463, 0.1826
Android (android.graphics.Color)	4287063756 (0xFF8766CC)
YUV	123.4950, 39.6890, 10.0899
Hunter-Lab	43.6042, 28.6621, -50.3065

Details

The XYZ color **25.6421, 19.0133, 59.4452** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **40.7860, 52.8033, 20.6134**, and the grayscale version is **18.8668, 19.8494, 21.6160**.

A 20% lighter version of the original color is **51.0915, 41.4076, 99.9074**, and **10.1373, 6.5576, 29.1652** is the 20% darker color. If you saturate the color by 10%, you get **21.8002, 14.4141, 58.7603**, and if you desaturate by 10%, it is **30.2666, 24.7488, 60.3089**.

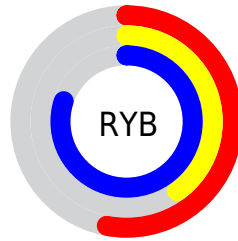
Distribution



Red (53%)

Green (40%)

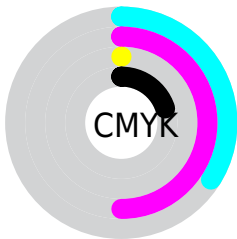
Blue (80%)



Red (53%)

Yellow (40%)

Blue (80%)

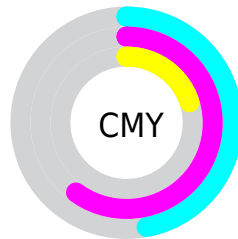


Cyan (34%)

Magenta (50%)

Yellow (0%)

Black (20%)



Cyan (47%)

Magenta (60%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.6421, 19.0133, 59.4452 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 25.6421, 19.0133, 59.4452 by changing the saturation by 10% instead.

■ 25.6421, 19.0133,
59.4452

■ 25.6421, 19.0133,
59.4452

273.3098,
246.5222, 440.2975

■ 16.6874, 11.6799,
42.5492

■ 52.1324, 41.7566,
105.5599

■ 10.1058, 6.5261,
29.2028

■ 70.3987, 57.9352,
135.6158

■ 5.5319, 3.1675,
18.9874

■ 92.4996, 77.8311,
170.8953

■ 2.6005, 1.2198,
11.4845

■ 118.8004,
101.8285, 211.8171

■ 0.9462, 0.0778,
6.2754

149.6664,
130.3120, 258.7997

■ 0.0000, 0.0000,
2.9418

185.4631,

■ 0.0000, 0.0000,

163.6658, 312.2616

1.0650

226.5558,
202.2744, 372.6213

■ 0.0000, 0.0000,
0.0000

■ 25.6421, 19.0133,
59.4452

■ 25.6421, 19.0133,
59.4452

■ 21.8002, 14.4141,
58.7603

■ 30.2666, 24.7488,
60.3089

■ 18.6907, 10.8696,
58.2401

■ 35.7150, 31.6900,
61.3615

■ 16.2608, 8.2906,
57.8703

■ 42.0280, 39.9031,
62.6141

■ 14.4481, 6.5712,
57.6340

■ 49.2430, 49.4490,
64.0763

■ 13.1462, 5.5181,
57.4993

■ 57.3951, 60.3843,
65.7574

■ 13.1461, 5.5180,
57.4993

■ 66.5174, 72.7626,
67.6659

■ 76.6415, 86.6345,
69.8098

■ 84.4556, 95.3645,
71.0830

■ 87.8992, 97.1397,
71.2442

Harmonies

Analogous

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



19.3396, 19.0133, 72.6347



25.6421, 19.0133, 59.4452



30.5612, 19.0133, 36.6993

Triad

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



25.6421, 19.0133, 59.4452



23.0256, 19.0133, 2.9361



8.9843, 19.0133, 24.4589

Complementary

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



25.6421, 19.0133, 59.4452



40.7860, 52.8033, 20.6134

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.



9.5542, 19.0133, 10.1968



25.6421, 19.0133, 59.4452



16.8602, 19.0133, 2.2963

Square

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



25.6421, 19.0133, 59.4452



28.8353, 19.0133, 6.8227



12.1603, 19.0133, 4.0112



10.3878, 19.0133, 46.4622

Rectangle

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



25.6421, 19.0133, 59.4452



31.9058, 19.0133, 22.8816



12.1603, 19.0133, 4.0112



8.9566, 19.0133, 18.6659

Sweetspot

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



25.6429, 19.0140, 59.4457



75.1516, 73.3956, 104.8136



31.0746, 36.5760, 62.5492



15.5482, 15.0002, 22.3258



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.



25.6429, 19.0140, 59.4457



35.6571, 23.3501, 97.2354



35.7310, 24.2146, 59.9178



10.9378, 11.0173, 14.1204



8.3614, 3.5180, 36.1946



0.5108, 0.2225, 1.8710

Inverse Universe

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



37.0043, 25.2810, 41.4576



57.0711, 35.1946, 61.8590



31.8349, 48.1888, 20.1945



11.5271, 11.3396, 13.3105



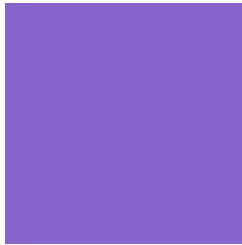
18.6050, 9.2526, 16.1707



0.9936, 0.4909, 1.0123

Previews

White Background



This preview shows how the XYZ color 25.6421, 19.0133, 59.4452 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 25.6421, 19.0133, 59.4452 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

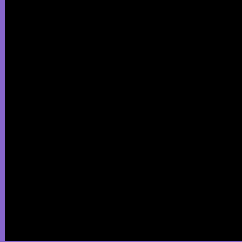
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.6421, 19.0133, 59.4452

Background



This preview shows how black text looks on a background with the XYZ color 25.6421, 19.0133, 59.4452.



This preview shows how white text looks on a background with the XYZ color 25.6421, 19.0133,

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

25.6421, 19.0133, 59.4452

Protanopia

21.7460, 19.1766, 69.5732

Deuteranopia

19.7169, 19.1101, 57.2930



Tritanopia

18.4246, 19.0110, 23.4673

Trichromacy



Original Color

25.6421, 19.0133, 59.4452

Protanomaly

22.5479, 18.8231, 66.0631

Deuteranomaly

21.0741, 18.5788, 57.7337

Tritanomaly

20.3633, 18.5705, 33.9637

Monochromacy



Original Color

25.6421, 19.0133, 59.4452

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

20.5506, 19.0405, 32.2978

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.6421, 19.0133, 59.4452 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(135, 102, 204)` looks like.

```
.text, #text, p{  
    color:rgb(135, 102, 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(135, 102, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 102, 204) }
```

Border

The CSS property to change the border of an element to XYZ 25.6421, 19.0133, 59.4452 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(135, 102, 204) }
```


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

```
.border{ border-color:rgb(135, 102, 204) }
```

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

Here you see how a box with a 4 pixel rgb(135, 102, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 102, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 102, 204);  
box-shadow:4px 4px 4px 4px rgb(135, 102,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 25.6421, 19.0133, 59.4452 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 102, 204) }
```

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

```
.background{ background-color: rgb(135,  
102, 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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