

Converting Colors

XYZ(25.8317, 19.0871, 53.9525)

Have a look what the booklet for
XYZ(25.8317, 19.0871, 53.9525)
contains.

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Color

**XYZ(25.8317, 19.0871,
53.9525)**

Conversions

Conversions Part 1

Format	Color
Hex	8F65C3
RGB	143, 101, 195
RGB Percent	56%, 40%, 76%
CMY	0.4392, 0.6039, 0.2353
CMYK	0.27, 0.48, 0.00, 0.24
HSL	267°, 44%, 58%
HSV	267°, 48%, 76%
XYZ	25.8317, 19.0871, 53.9525
YIQ	124.2740, -5.1420, 38.1380

Conversions

Conversions Part 2

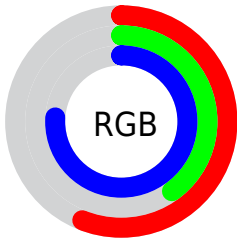
Format	Color
R _Y B	143, 101, 195
Decimal	9397699
CIE Lab	50.79, 35.99, -43.11
CIE LCh	51, 56.158, 309.856
Yxy	19.0871, 0.2613, 0.1930
Android (android.graphics.Color)	4287587779 (0xFF8F65C3)
YUV	124.2740, 34.8679, 16.4227
Hunter-Lab	43.6888, 29.0856, -42.6367

Details

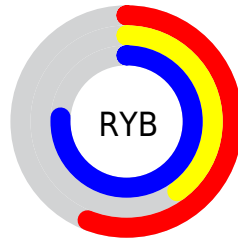
The XYZ color **25.8317, 19.0871, 53.9525** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **35.0013, 46.7425, 19.4900**, and the grayscale version is **19.1387, 20.1354, 21.9274**.

A 20% lighter version of the original color is **52.5151, 41.9529, 97.4253**, and **10.2522, 6.5527, 25.9238** is the 20% darker color. If you saturate the color by 10%, you get **22.3797, 14.8229, 53.3117**, and if you desaturate by 10%, it is **29.9139, 24.3437, 54.7523**.

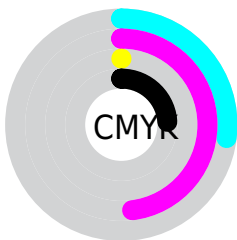
Distribution



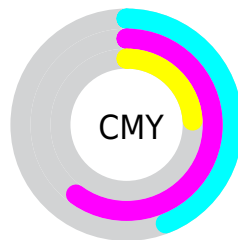
- Red (56%)
- Green (40%)
- Blue (76%)



- Red (56%)
- Yellow (40%)
- Blue (76%)



- Cyan (27%)
- Magenta (48%)
- Yellow (0%)
- Black (24%)



- Cyan (44%)
- Magenta (60%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.8317, 19.0871, 53.9525 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 25.8317, 19.0871, 53.9525 by changing the saturation by 10% instead.

■ 25.8317, 19.0871,
53.9525

■ 25.8317, 19.0871,
53.9525

274.2268,
246.9292, 419.0983

■ 16.8298, 11.7332,
38.1708

■ 52.4366, 41.8812,
97.4602

■ 10.2078, 6.5623,
25.8124

■ 70.7702, 58.0903,
126.0232

■ 5.6003, 3.1899,
16.4588

■ 92.9452, 78.0198,
159.6838

■ 2.6419, 1.2317,
9.6916

■ 119.3268,
102.0543, 198.8604

■ 0.9674, 0.0873,
5.0920

150.2804,
130.5781, 243.9717

■ 0.0000, 0.0000,
2.2417

186.1713,

■ 0.0000, 0.0000,

163.9756, 295.4360

0.6983

227.3650,
202.6311, 353.6721

■ 0.0000, 0.0000,
0.0000

■ 25.8317, 19.0871,
53.9525

■ 25.8317, 19.0871,
53.9525

■ 22.3797, 14.8229,
53.3117

■ 29.9139, 24.3437,
54.7523

■ 19.5185, 11.4816,
52.8176

■ 34.6580, 30.6511,
55.7197

■ 17.2068, 8.9882,
52.4581

■ 40.0961, 38.0657,
56.8643

■ 15.3963, 7.2541,
52.2188

■ 46.2574, 46.6394,
58.1944

■ 14.0147, 6.1434,
52.0773

■ 53.1693, 56.4204,
59.7181

■ 13.7930, 5.9727,
52.0560

■ 60.8577, 67.4544,
61.4426

■ 69.3472, 79.7846,
63.3751

■ 78.0190, 92.1674,
65.3082

■ 81.5748, 94.0005,
65.4746

Harmonies

Analogous

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



20.0204, 19.0871, 67.4389



25.8317, 19.0871, 53.9525



30.0460, 19.0871, 33.1107

Triad

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



25.8317, 19.0871, 53.9525



22.0490, 19.0871, 3.3118



9.5632, 19.0871, 26.4340

Complementary

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



25.8317, 19.0871, 53.9525



35.0013, 46.7425, 19.4900

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.



9.8883, 19.0871, 11.9717



25.8317, 19.0871, 53.9525



16.3844, 19.0871, 2.9141

Square

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



25.8317, 19.0871, 53.9525



27.5732, 19.0871, 6.7522



12.1529, 19.0871, 5.0892



11.1512, 19.0871, 46.9931

Rectangle

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



25.8317, 19.0871, 53.9525



30.9642, 19.0871, 20.8590



12.1529, 19.0871, 5.0892



9.4613, 19.0871, 20.7064

Sweetspot

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



25.8324, 19.0878, 53.9529



76.0538, 74.0444, 102.7533



26.8174, 29.9068, 55.9893



16.1369, 15.4969, 22.3906



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.



25.8324, 19.0878, 53.9529



39.6925, 26.0797, 95.4117



35.4247, 24.0328, 54.4019



9.9460, 9.9633, 12.6837



9.0584, 3.9302, 33.8378



0.4706, 0.2106, 1.4657

Inverse Universe

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



32.9096, 23.2099, 32.8826



54.4375, 34.6826, 50.8537



27.9601, 43.1126, 19.1604



10.3011, 10.1691, 11.6763



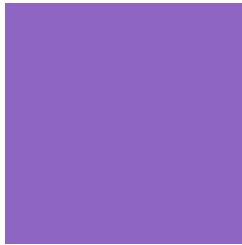
16.4252, 8.2598, 10.1509



0.7440, 0.3706, 0.6192

Previews

White Background



This preview shows how the XYZ color 25.8317, 19.0871, 53.9525 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 25.8317, 19.0871, 53.9525 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 25.8317, 19.0871, 53.9525

Background



This preview shows how black text looks on a background with the XYZ color 25.8317, 19.0871, 53.9525.



This preview shows how white text looks on a background with the XYZ color 25.8317, 19.0871,

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

25.8317, 19.0871, 53.9525

Protanopia

21.4608, 19.3223, 64.2265

Deuteranopia

19.8086, 19.2753, 51.9667



Tritanopia

19.4873, 19.0542, 22.3894

Trichromacy



Original Color

25.8317, 19.0871, 53.9525

Protanomaly

22.2931, 18.8209, 60.2154

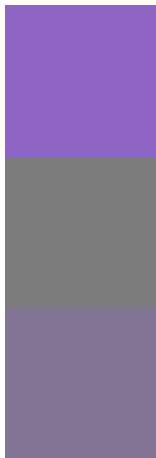
Deuteranomaly

21.3574, 18.8437, 52.3807

Tritanomaly

21.2620, 18.7541, 31.7774

Monochromacy



Original Color

25.8317, 19.0871, 53.9525

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

21.1105, 19.5181, 31.5089

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.8317, 19.0871, 53.9525 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(143, 101, 195)` looks like.

```
.text, #text, p{  
    color:rgb(143, 101, 195)  
}
```

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(143, 101, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 101, 195) }
```

Border

The CSS property to change the border of an element to XYZ 25.8317, 19.0871, 53.9525 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(143, 101, 195) }
```


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

```
.border{ border-color:rgb(143, 101, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 101, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 101, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 101, 195);  
box-shadow:4px 4px 4px 4px rgb(143, 101,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 25.8317, 19.0871, 53.9525 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 101, 195) }
```

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

```
.background{ background-color: rgb(143,  
101, 195) }
```

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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