

Converting Colors

XYZ(25.9615, 18.0169, 55.5354)

Have a look what the booklet for
XYZ(25.9615, 18.0169, 55.5354)
contains.

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Color

**XYZ(25.9615, 18.0169,
55.5354)**

Conversions

Conversions Part 1

Format	Color
Hex	925DC6
RGB	146, 93, 198
RGB Percent	57%, 36%, 78%
CMY	0.4274, 0.6353, 0.2235
CMYK	0.26, 0.53, 0.00, 0.22
HSL	270°, 48%, 57%
HSV	270°, 53%, 78%
XYZ	25.9615, 18.0169, 55.5354
YIQ	120.8170, -2.1170, 43.8910

Conversions

Conversions Part 2

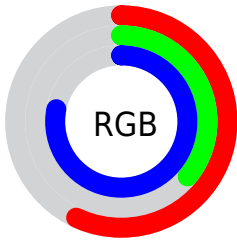
Format	Color
R _Y B	146, 93, 198
Decimal	9592262
CIE Lab	49.52, 42.02, -46.84
CIE LCh	50, 62.920, 311.894
Yxy	18.0169, 0.2609, 0.1810
Android (android.graphics.Color)	4287782342 (0xFF925DC6)
YUV	120.8170, 38.0512, 22.0855
Hunter-Lab	42.4463, 34.8951, -47.8607

Details

The XYZ color **25.9615, 18.0169, 55.5354** is a dark color, and the websafe version is hex **9966CC**. The color can be described as middle muted purple. A complement of this color would be **33.8472, 47.1985, 17.6827**, and the grayscale version is **17.9973, 18.9345, 20.6197**.

A 20% lighter version of the original color is **52.5325, 40.0274, 99.5650**, and **10.2722, 6.0598, 26.6149** is the 20% darker color. If you saturate the color by 10%, you get **22.7744, 14.1197, 54.9515**, and if you desaturate by 10%, it is **29.7494, 22.8922, 56.2771**.

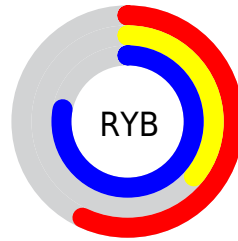
Distribution



Red (57%)

Green (36%)

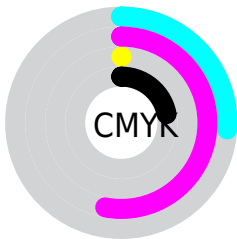
Blue (78%)



Red (57%)

Yellow (36%)

Blue (78%)

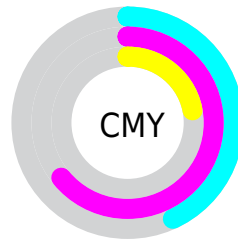


Cyan (26%)

Magenta (53%)

Yellow (0%)

Black (22%)



Cyan (43%)

Magenta (64%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.9615, 18.0169, 55.5354 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 25.9615, 18.0169, 55.5354 by changing the saturation by 10% instead.

■ 25.9615, 18.0169,
55.5354

■ 25.9615, 18.0169,
55.5354

274.8532,
240.9663, 425.2773

■ 16.9274, 10.9621,
39.4291

■ 52.6446, 40.0661,
99.8040

■ 10.2777, 6.0414,
26.7833

■ 71.0242, 55.8294,
128.8033

■ 5.6471, 2.8703,
17.1795

■ 93.2498, 75.2642,
162.9373

■ 2.6703, 1.0644,
10.1993

■ 119.6865, 98.7550,
202.6246

■ 0.9819, 0.0000,
5.4239

150.6999,
126.6863, 248.2837

■ 0.0000, 0.0000,
2.4350

186.6553,

■ 0.0000, 0.0000,

159.4423, 300.3331

0.8054

227.9179,
197.4075, 359.1915

■ 0.0000, 0.0000,
0.0000

■ 25.9615, 18.0169,
55.5354

■ 25.9615, 18.0169,
55.5354

■ 22.7744, 14.1197,
54.9515

■ 29.7494, 22.8922,
56.2771

■ 20.1467, 11.1257,
54.5121

■ 34.1713, 28.8089,
57.1861

■ 18.0345, 8.9520,
54.2038

■ 39.2602, 35.8271,
58.2725

■ 16.3846, 7.4983,
54.0102

■ 45.0460, 44.0017,
59.5454

■ 15.4427, 6.7835,
53.9219

■ 51.5568, 53.3838,
61.0132

■ 58.8188, 64.0214,
62.6837

■ 66.8571, 75.9598,
64.5644

■ 75.6953, 89.2422,
66.6623

■ 79.9676, 93.1324,
67.1880

Harmonies

Analogous

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



19.5937, 18.0169, 72.3559



25.9615, 18.0169, 55.5354



30.4708, 18.0169, 31.6702

Triad

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



25.9615, 18.0169, 55.5354



20.9337, 18.0169, 2.0441



8.1884, 18.0169, 27.1791

Complementary

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



25.9615, 18.0169, 55.5354



33.8472, 47.1985, 17.6827

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.



8.3863, 18.0169, 11.0915



25.9615, 18.0169, 55.5354



14.8720, 18.0169, 1.8472

Square

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



25.9615, 18.0169, 55.5354



27.1362, 18.0169, 4.8598



10.5619, 18.0169, 3.9349



9.9391, 18.0169, 50.6590

Rectangle

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



25.9615, 18.0169, 55.5354



31.3013, 18.0169, 18.5536



10.5619, 18.0169, 3.9349



8.0429, 18.0169, 20.7210

Sweetspot

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



25.9622, 18.0176, 55.5358



76.3405, 73.0417, 104.6826



24.9097, 26.8089, 57.2882



15.8777, 14.9797, 22.3045



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.



25.9622, 18.0176, 55.5358



39.3554, 23.8590, 97.1387



37.3965, 23.9122, 56.0709



10.5584, 10.5461, 13.3966



10.1416, 4.4624, 35.0712



0.5637, 0.2543, 1.6645

Inverse Universe

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



32.3142, 21.8793, 29.3080



52.5560, 31.8821, 42.7268



26.6845, 43.5061, 17.3475



10.8492, 10.7231, 12.1891



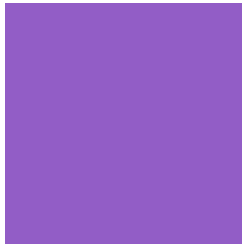
16.6237, 8.3991, 8.4944



0.8237, 0.4123, 0.5948

Previews

White Background



This preview shows how the XYZ color 25.9615, 18.0169, 55.5354 looks on a white background.

Color Contrast Check

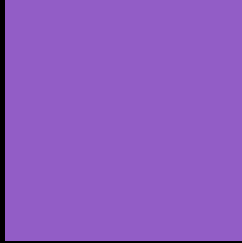
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.9615, 18.0169, 55.5354 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

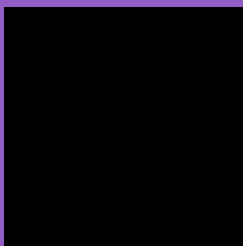
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.9615, 18.0169, 55.5354

Background



This preview shows how black text looks on a background with the XYZ color 25.9615, 18.0169, 55.5354.



This preview shows how white text looks on a background with the XYZ color 25.9615, 18.0169,

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

25.9615, 18.0169, 55.5354

Protanopia

20.9178, 18.2391, 69.4358

Deuteranopia

18.7026, 18.1467, 52.9690



Tritanopia

18.7611, 17.8744, 20.5504

Trichromacy



Original Color

25.9615, 18.0169, 55.5354

Protanomaly

21.5280, 17.3909, 63.8501

Deuteranomaly

20.3560, 17.4741, 53.9297

Tritanomaly

20.7929, 17.5914, 30.7334

Monochromacy



Original Color

25.9615, 18.0169, 55.5354

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

20.3152, 18.2846, 30.8923

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.9615, 18.0169, 55.5354 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(146, 93, 198)` looks like.

```
.text, #text, p{  
    color:rgb(146, 93, 198)  
}
```

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(146, 93, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 93, 198) }
```

Border

The CSS property to change the border of an element to XYZ 25.9615, 18.0169, 55.5354 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(146, 93, 198) }
```


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

```
.border{ border-color:rgb(146, 93, 198) }
```

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

Here you see how a box with a 4 pixel rgb(146, 93, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 93, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 93, 198);  
box-shadow:4px 4px 4px 4px rgb(146, 93,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 25.9615, 18.0169, 55.5354 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 93, 198) }
```

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

```
.background{ background-color: rgb(146, 93,  
198) }
```

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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