

Converting Colors

XYZ(25.5623, 25.0770, 45.8230)

Have a look what the booklet for
XYZ(25.5623, 25.0770, 45.8230)
contains.

XYZ(25.6019, 25.1315, 45.6210)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(25.6019, 25.1315,
45.6210)**

Conversions

Conversions Part 1

Format	Color
Hex	8087B2
RGB	128, 135, 178
RGB Percent	50%, 53%, 70%
CMY	0.4980, 0.4706, 0.3020
CMYK	0.28, 0.24, 0.00, 0.30
HSL	232°, 25%, 60%
HSV	232°, 28%, 70%
XYZ	25.6019, 25.1315, 45.6210
YIQ	137.8090, -17.9750, 11.8890

Conversions

Conversions Part 2

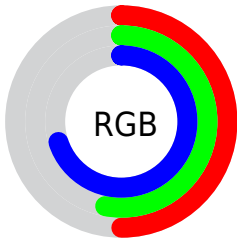
Format	Color
RYB	128, 134, 178
Decimal	8423346
CIELab	57.20, 7.38, -23.44
CIELCh	57, 24.578, 287.469
Yxy	25.1315, 0.2657, 0.2608
Android (android.graphics.Color)	4286613426 (0xFF8087B2)
YUV	137.8090, 19.8142, -8.6025
Hunter-Lab	50.1313, 3.4295, -18.8637

Details

The XYZ color **25.6019, 25.1315, 45.6210** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **36.8196, 40.1494, 26.2317**, and the grayscale version is **24.0172, 25.2680, 27.5168**.

A 20% lighter version of the original color is **52.1259, 51.8520, 85.1030**, and **10.0107, 9.5554, 20.7188** is the 20% darker color. If you saturate the color by 10%, you get **21.1714, 19.9021, 44.8456**, and if you desaturate by 10%, it is **30.8108, 31.2192, 46.5219**.

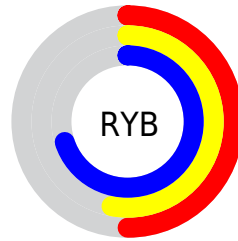
Distribution



Red (50%)

Green (53%)

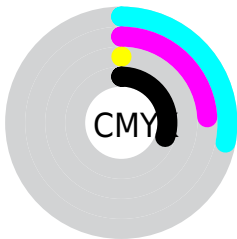
Blue (70%)



Red (50%)

Yellow (53%)

Blue (70%)

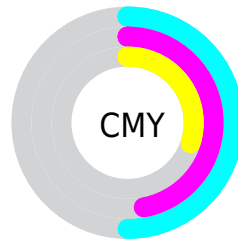


Cyan (28%)

Magenta (24%)

Yellow (0%)

Black (30%)



Cyan (50%)

Magenta (47%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.6019, 25.1315, 45.6210 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 25.6019, 25.1315, 45.6210 by changing the saturation by 10% instead.

■ 25.6019, 25.1315,
45.6210

■ 25.6019, 25.1315,
45.6210

273.1150,
278.4922, 385.5161

■ 16.6572, 16.1751,
31.6003

■ 52.0679, 51.8705,
84.9798

■ 10.0842, 9.6481,
20.7941

■ 70.3199, 70.4218,
111.1550

■ 5.5175, 5.1663,
12.7838

■ 92.4050, 92.9402,
142.2189

■ 2.5918, 2.3452,
7.1509

118.6886,
119.8101, 178.5899

■ 0.9418, 0.7975,
3.4768

149.5361,
151.4158, 220.6865

■ 0.0000, 0.0000,
1.3429

185.3127,

■ 0.0000, 0.0000,

188.1418, 268.9274

0.0966

226.3839,
230.3725, 323.7311

■ 0.0000, 0.0000,
0.0000

■ 25.6019, 25.1315,
45.6210

■ 25.6019, 25.1315,
45.6210

■ 21.1714, 19.9021,
44.8456

■ 30.8108, 31.2192,
46.5219

■ 17.4793, 15.4893,
44.1884

■ 36.8307, 38.1985,
47.5518

■ 14.4856, 11.8523,
43.6442

■ 43.6953, 46.1045,
48.7160

■ 12.1456, 8.9456,
43.2065

■ 51.4355, 54.9695,
50.0192

■ 10.4093, 6.7189,
42.8682

■ 60.0809, 64.8244,
51.4657

■ 9.2191, 5.1152,
42.6214

■ 69.6595, 75.6985,
53.0597

■ 8.4902, 4.0597,
42.4560

■ 80.1981, 87.6200,
54.8054

■ 8.3820, 3.9064,
42.4322

■ 85.0360, 95.9944,
56.1668

Harmonies

Analogous

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



22.6960, 25.1315, 46.1241



25.6019, 25.1315, 45.6210



28.2408, 25.1315, 39.6555

Triad

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



25.6019, 25.1315, 45.6210



27.8623, 25.1315, 17.1930



18.8416, 25.1315, 24.0399

Complementary

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



25.6019, 25.1315, 45.6210



36.8196, 40.1494, 26.2317

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.



20.0049, 25.1315, 17.9175



25.6019, 25.1315, 45.6210



25.1184, 25.1315, 14.5370

Square

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



25.6019, 25.1315, 45.6210



29.6167, 25.1315, 22.8400



22.2499, 25.1315, 14.7721



18.9480, 25.1315, 32.4489

Rectangle

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



25.6019, 25.1315, 45.6210



29.4225, 25.1315, 33.9581



22.2499, 25.1315, 14.7721



19.0929, 25.1315, 21.6840

Sweetspot

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



25.6027, 25.1325, 45.6216



66.7321, 69.2035, 86.2216



32.1261, 39.3518, 44.1816



14.4013, 14.8891, 19.0371



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



25.6027, 25.1325, 45.6216



41.0497, 39.2390, 81.7915



27.5210, 24.7186, 45.4406



8.1348, 8.4158, 10.7020



6.0258, 2.8519, 30.3699



0.2197, 0.1499, 0.9656

Inverse Universe

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



30.4531, 26.6533, 26.4623



51.4302, 42.6843, 40.7452



34.4146, 40.9250, 26.5082



8.5432, 8.5240, 9.0931



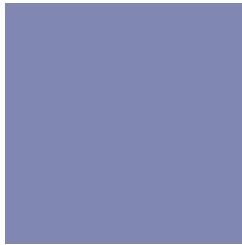
13.2762, 6.8280, 1.3484



0.4329, 0.2209, 0.1224

Previews

White Background



This preview shows how the XYZ color 25.6019, 25.1315, 45.6210 looks on a white background.

Color Contrast Check

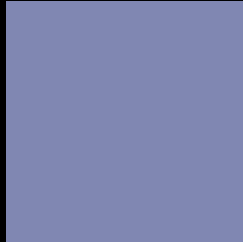
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.6019, 25.1315, 45.6210 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

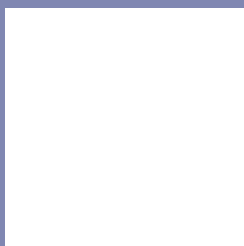
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.6019, 25.1315, 45.6210

Background



This preview shows how black text looks on a background with the XYZ color 25.6019, 25.1315, 45.6210.



This preview shows how white text looks on a background with the XYZ color 25.6019, 25.1315,

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

25.6019, 25.1315, 45.6210

Protanopia

25.4442, 25.2583, 45.6538

Deuteranopia

25.7531, 25.2094, 45.6281



Tritanopia

22.9900, 25.1281, 32.9167

Trichromacy



Original Color

25.6019, 25.1315, 45.6210

Protanomaly

25.5924, 25.3347, 45.6607

Deuteranomaly

25.7531, 25.2094, 45.6281

Tritanomaly

23.8337, 25.0353, 37.2943

Monochromacy



Original Color

25.6019, 25.1315, 45.6210

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

24.5269, 25.2596, 33.7199

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.6019, 25.1315, 45.6210 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(128, 135, 178)` looks like.

```
.text, #text, p{  
    color:rgb(128, 135, 178)  
}
```

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(128, 135, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 135, 178) }
```

Border

The CSS property to change the border of an element to XYZ 25.6019, 25.1315, 45.6210 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(128, 135, 178) }
```


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

```
.border{ border-color:rgb(128, 135, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 135, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 135, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 135, 178);  
box-shadow:4px 4px 4px 4px rgb(128, 135,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 25.6019, 25.1315, 45.6210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 135, 178) }
```

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

```
.background{ background-color: rgb(128,  
135, 178) }
```

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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