

Converting Colors

XYZ(25.2477, 21.7901, 55.3090)

Have a look what the booklet for
XYZ(25.2477, 21.7901, 55.3090)
contains.

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Color

**XYZ(25.2845, 21.8541,
55.1102)**

Conversions

Conversions Part 1

Format	Color
Hex	7E78C4
RGB	126, 120, 196
RGB Percent	49%, 47%, 77%
CMY	0.5059, 0.5294, 0.2314
CMYK	0.36, 0.39, 0.00, 0.23
HSL	245°, 39%, 62%
HSV	245°, 39%, 77%
XYZ	25.2845, 21.8541, 55.1102
YIQ	130.4580, -20.8200, 24.9080

Conversions

Conversions Part 2

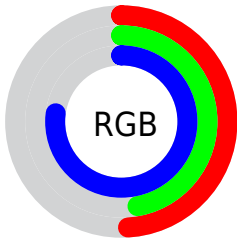
Format	Color
R_{YB}	126, 120, 196
Decimal	8288452
CIE _{Lab}	53.87, 20.40, -38.92
CIE _{LCh}	54, 43.940, 297.660
Yxy	21.8541, 0.2473, 0.2137
Android (android.graphics.Color)	4286478532 (0xFF7E78C4)
YUV	130.4580, 32.3122, -3.9097
Hunter-Lab	46.7484, 14.7345, -37.1713

Details

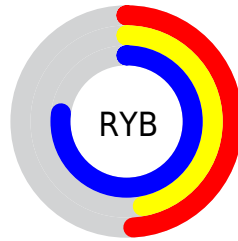
The XYZ color **25.2845, 21.8541, 55.1102** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **44.3655, 51.7834, 25.4269**, and the grayscale version is **21.2753, 22.3833, 24.3754**.

A 20% lighter version of the original color is **51.5382, 46.4207, 99.1722**, and **9.9475, 8.0042, 26.6119** is the 20% darker color. If you saturate the color by 10%, you get **20.7381, 16.3623, 54.2902**, and if you desaturate by 10%, it is **30.7953, 28.5600, 56.1145**.

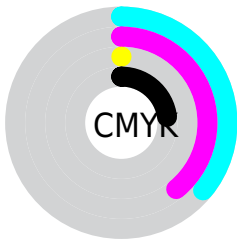
Distribution



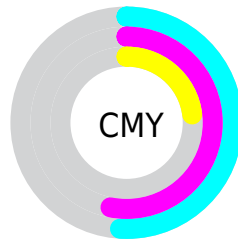
- Red (49%)
- Green (47%)
- Blue (77%)



- Red (49%)
- Yellow (47%)
- Blue (77%)



- Cyan (36%)
- Magenta (39%)
- Yellow (0%)
- Black (23%)



- Cyan (51%)
- Magenta (53%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.2845, 21.8541, 55.1102 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 25.2845, 21.8541, 55.1102 by changing the saturation by 10% instead.

■ 25.2845, 21.8541,
55.1102

■ 25.2845, 21.8541,
55.1102

271.5734,
261.7834, 423.6232

■ 16.4190, 13.7497,
39.0908

■ 51.5580, 46.5047,
99.1752

■ 9.9139, 7.9468,
26.5220

■ 69.6966, 63.8198,
128.0578

■ 5.4037, 4.0609,
16.9853

■ 91.6571, 84.9739,
162.0652

■ 2.5232, 1.7077,
10.0621

117.8047,
110.3514, 201.6159

■ 0.9070, 0.4286,
5.3340

148.5047,
140.3367, 247.1286

■ 0.0000, 0.0000,
2.3824

184.1226,

■ 0.0000, 0.0000,

175.3142, 299.0217

0.7768

225.0237,
215.6683, 357.7137

■ 0.0000, 0.0000,
0.0000

■ 25.2845, 21.8541,
55.1102

■ 25.2845, 21.8541,
55.1102

■ 20.7381, 16.3623,
54.2902

■ 30.7953, 28.5600,
56.1145

■ 17.0982, 12.0096,
53.6419

■ 37.3191, 36.5442,
57.3118

■ 14.3045, 8.7165,
53.1535

■ 44.9042, 45.8692,
58.7119

■ 12.2881, 6.3920,
52.8111

■ 53.5950, 56.5927,
60.3237

■ 10.9694, 4.9299,
52.5984

■ 63.4333, 68.7691,
62.1554

■ 10.2336, 4.1633,
52.4892

■ 74.4590, 82.4498,
64.2150

■ 10.1687, 4.0912,
52.4787

■ 86.0029, 96.2702,
66.2741

■ 86.9639, 96.7656,
66.3191

Harmonies

Analogous

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



20.4027, 21.8541, 60.4444



25.2845, 21.8541, 55.1102



29.4388, 21.8541, 40.6186

Triad

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



25.2845, 21.8541, 55.1102



26.0246, 21.8541, 7.8794



12.9475, 21.8541, 22.7480

Complementary

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



25.2845, 21.8541, 55.1102



44.3655, 51.7834, 25.4269

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.



13.9982, 21.8541, 12.4077



25.2845, 21.8541, 55.1102



21.1451, 21.8541, 6.1089

Square

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



25.2845, 21.8541, 55.1102



29.9097, 21.8541, 13.6393



16.8305, 21.8541, 7.3815



13.7148, 21.8541, 38.0448

Rectangle

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



25.2845, 21.8541, 55.1102



30.9792, 21.8541, 29.8050



16.8305, 21.8541, 7.3815



13.0958, 21.8541, 18.6533

Sweetspot

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



25.2853, 21.8549, 55.1107



76.4339, 77.0476, 105.4509



36.3264, 45.2117, 59.0371



15.9647, 16.0052, 22.4978



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.



25.2853, 21.8549, 55.1107



38.3440, 30.5745, 98.4883



31.7988, 25.2128, 55.4155



9.6004, 9.7851, 12.6676



6.5636, 2.6441, 33.7210



0.3094, 0.1275, 1.4582

Inverse Universe

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



38.7761, 28.8870, 52.2470



66.4884, 45.2552, 92.0469



36.2550, 47.6023, 25.0473



10.4619, 10.2334, 12.5227



19.9700, 9.6778, 28.8177



0.8732, 0.4223, 1.2997

Previews

White Background



This preview shows how the XYZ color 25.2845, 21.8541, 55.1102 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 25.2845, 21.8541, 55.1102 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 25.2845, 21.8541, 55.1102

Background



This preview shows how black text looks on a background with the XYZ color 25.2845, 21.8541, 55.1102.



This preview shows how white text looks on a background with the XYZ color 25.2845, 21.8541,

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

25.2845, 21.8541, 55.1102

Protanopia

23.3703, 21.9055, 58.2548

Deuteranopia

22.4938, 21.9301, 54.0863



Tritanopia

19.9382, 21.7630, 28.7410

Trichromacy



Original Color

25.2845, 21.8541, 55.1102

Protanomaly

23.9469, 21.8538, 56.9889

Deuteranomaly

23.3683, 21.7955, 54.6051

Tritanomaly

21.5822, 21.6389, 37.2216

Monochromacy



Original Color

25.2845, 21.8541, 55.1102

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

22.3468, 21.9219, 33.6254

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.2845, 21.8541, 55.1102 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(126, 120, 196)` looks like.

```
.text, #text, p{  
    color:rgb(126, 120, 196)  
}
```

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(126, 120, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 120, 196) }
```

Border

The CSS property to change the border of an element to XYZ 25.2845, 21.8541, 55.1102 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(126, 120, 196) }
```


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

```
.border{ border-color:rgb(126, 120, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 120, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 120, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 120, 196);  
box-shadow:4px 4px 4px 4px rgb(126, 120,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 25.2845, 21.8541, 55.1102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 120, 196) }
```

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

```
.background{ background-color: rgb(126,  
120, 196) }
```

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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