

Converting Colors

XYZ(25.5281, 21.2667, 55.5624)

Have a look what the booklet for
XYZ(25.5281, 21.2667, 55.5624)
contains.

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Color

**XYZ(25.5294, 21.2678,
55.5829)**

Conversions

Conversions Part 1

Format	Color
Hex	8274C5
RGB	130, 116, 197
RGB Percent	51%, 45%, 77%
CMY	0.4902, 0.5451, 0.2274
CMYK	0.34, 0.41, 0.00, 0.23
HSL	250°, 41%, 61%
HSV	250°, 41%, 77%
XYZ	25.5294, 21.2678, 55.5829
YIQ	129.4200, -17.6570, 28.1590

Conversions

Conversions Part 2

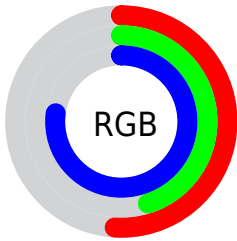
Format	Color
R_{YB}	130, 116, 197
Decimal	8549573
CIE Lab	53.24, 24.15, -40.46
CIE LCh	53, 47.120, 300.833
Yxy	21.2678, 0.2494, 0.2077
Android (android.graphics.Color)	4286739653 (0xFF8274C5)
YUV	129.4200, 33.3169, 0.5087
Hunter-Lab	46.1170, 18.1090, -39.1778

Details

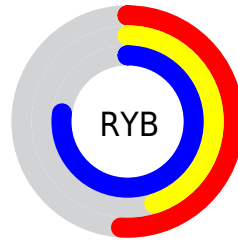
The XYZ color **25.5294, 21.2678, 55.5829** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **42.6472, 51.2610, 24.1702**, and the grayscale version is **20.9053, 21.9940, 23.9515**.

A 20% lighter version of the original color is **51.8996, 45.4753, 99.8081**, and **10.0856, 7.6952, 26.9404** is the 20% darker color. If you saturate the color by 10%, you get **21.1902, 16.0101, 54.7972**, and if you desaturate by 10%, it is **30.7475, 27.6941, 56.5487**.

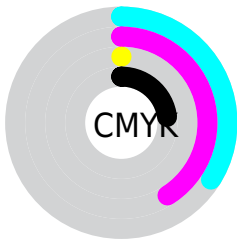
Distribution



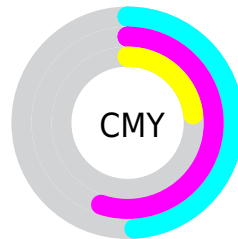
- Red (51%)
- Green (45%)
- Blue (77%)



- Red (51%)
- Yellow (45%)
- Blue (77%)



- Cyan (34%)
- Magenta (41%)
- Yellow (0%)
- Black (23%)



- Cyan (49%)
- Magenta (55%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.5294, 21.2678, 55.5829 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 25.5294, 21.2678, 55.5829 by changing the saturation by 10% instead.

■ 25.5294, 21.2678,
55.5829

■ 25.5294, 21.2678,
55.5829

272.7635,
258.6983, 425.4618

■ 16.6027, 13.3199,
39.4669

■ 51.9515, 45.5328,
99.8742

■ 10.0452, 7.6492,
26.8125

■ 70.1777, 62.6187,
128.8865

■ 5.4914, 3.8713,
17.2013

■ 92.2344, 83.5194,
163.0346

■ 2.5761, 1.6018,
10.2146

118.4870,
108.6192, 202.7371

■ 0.9338, 0.3588,
5.4340

149.3008,
138.3026, 248.4126

■ 0.0000, 0.0000,
2.4409

185.0413,

■ 0.0000, 0.0000,

172.9540, 300.4795

0.8086

226.0737,
212.9578, 359.3564

■ 0.0000, 0.0000,
0.0000

■ 25.5294, 21.2678,
55.5829

■ 25.5294, 21.2678,
55.5829

■ 21.1902, 16.0101,
54.7972

■ 30.7475, 27.6941,
56.5487

■ 17.6782, 11.8477,
54.1788

■ 36.8875, 35.3517,
57.7031

■ 14.9400, 8.7024,
53.7161

■ 43.9924, 44.3013,
59.0561

■ 12.9144, 6.4848,
53.3948

■ 52.1018, 54.5993,
60.6164

■ 11.5305, 5.0892,
53.1983

■ 61.2529, 66.2985,
62.3923

■ 10.7396, 4.3722,
53.1016

■ 71.4812, 79.4489,
64.3915

■ 82.8203, 94.0980,
66.6214

■ 87.0781, 96.8112,
66.9207

Harmonies

Analogous

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



20.3539, 21.2678, 62.8182



25.5294, 21.2678, 55.5829



29.7803, 21.2678, 39.2559

Triad

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



25.5294, 21.2678, 55.5829



25.2488, 21.2678, 6.5178



12.0728, 21.2678, 23.5579

Complementary

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



25.5294, 21.2678, 55.5829



42.6472, 51.2610, 24.1702

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.



12.9537, 21.2678, 12.1993



25.5294, 21.2678, 55.5829



20.0755, 21.2678, 5.1367

Square

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



25.5294, 21.2678, 55.5829



29.6004, 21.2678, 11.7545



15.6936, 21.2678, 6.6905



13.0574, 21.2678, 40.2456

Rectangle

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



25.5294, 21.2678, 55.5829



31.2162, 21.2678, 27.8059



15.6936, 21.2678, 6.6905



12.1590, 21.2678, 19.0575

Sweetspot

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



25.5302, 21.2686, 55.5834



77.3469, 77.5182, 105.4936



34.3178, 41.8184, 59.0868



16.1778, 16.1151, 22.5078



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.



25.5302, 21.2686, 55.5834



38.9225, 29.8401, 98.3160



32.9016, 25.0687, 55.9284



10.2248, 10.3741, 13.3810



7.1135, 2.9014, 34.9295



0.3911, 0.1654, 1.6564

Inverse Universe

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



37.8189, 27.7805, 48.1683



63.9947, 43.1447, 82.3465



34.4469, 47.0336, 23.7865



11.0014, 10.7839, 12.9904



19.5177, 9.5566, 23.7336



0.9455, 0.4610, 1.2361

Previews

White Background



This preview shows how the XYZ color 25.5294, 21.2678, 55.5829 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 25.5294, 21.2678, 55.5829 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 25.5294, 21.2678, 55.5829

Background



This preview shows how black text looks on a background with the XYZ color 25.5294, 21.2678, 55.5829.



This preview shows how white text looks on a background with the XYZ color 25.5294, 21.2678,

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

25.5294, 21.2678, 55.5829

Protanopia

23.1769, 21.5618, 60.6979

Deuteranopia

22.0558, 21.4986, 54.6169



Tritanopia

19.9817, 21.4161, 27.5067

Trichromacy



Original Color

25.5294, 21.2678, 55.5829

Protanomaly

23.8045, 21.3715, 58.7476

Deuteranomaly

23.1102, 21.2772, 55.1134

Tritanomaly

21.5789, 21.0909, 36.1913

Monochromacy



Original Color

25.5294, 21.2678, 55.5829

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

22.0936, 21.4155, 33.5410

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.5294, 21.2678, 55.5829 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(130, 116, 197)` looks like.

```
.text, #text, p{  
    color:rgb(130, 116, 197)  
}
```

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(130, 116, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 116, 197) }
```

Border

The CSS property to change the border of an element to XYZ 25.5294, 21.2678, 55.5829 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(130, 116, 197) }
```


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

```
.border{ border-color:rgb(130, 116, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 116, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 116, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 116, 197);  
box-shadow:4px 4px 4px 4px rgb(130, 116,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 25.5294, 21.2678, 55.5829 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 116, 197) }
```

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

```
.background{ background-color: rgb(130,  
116, 197) }
```

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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