

Converting Colors

XYZ(24.5846, 19.4781, 54.8972)

Have a look what the booklet for
XYZ(24.5846, 19.4781, 54.8972)
contains.

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Color

**XYZ(24.5323, 19.4565,
54.6870)**

Conversions

Conversions Part 1

Format	Color
Hex	826CC4
RGB	130, 108, 196
RGB Percent	51%, 42%, 77%
CMY	0.4902, 0.5765, 0.2314
CMYK	0.34, 0.45, 0.00, 0.23
HSL	255°, 43%, 60%
HSV	255°, 45%, 77%
XYZ	24.5323, 19.4565, 54.6870
YIQ	124.6100, -15.1360, 32.0320

Conversions

Conversions Part 2

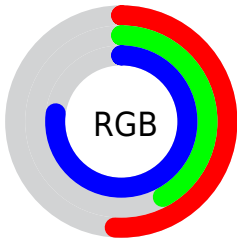
Format	Color
R _Y B	130, 108, 196
Decimal	8547524
CIE Lab	51.22, 28.62, -43.09
CIE LCh	51, 51.726, 303.594
Yxy	19.4565, 0.2486, 0.1972
Android (android.graphics.Color)	4286737604 (0xFF826CC4)
YUV	124.6100, 35.1953, 4.7270
Hunter-Lab	44.1095, 22.0843, -42.6311

Details

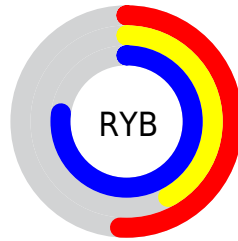
The XYZ color **24.5323, 19.4565, 54.6870** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **39.9025, 49.5615, 21.6513**, and the grayscale version is **19.2521, 20.2547, 22.0574**.

A 20% lighter version of the original color is **50.3080, 42.5477, 98.4895**, and **9.5589, 6.7625, 26.3927** is the 20% darker color. If you saturate the color by 10%, you get **20.5969, 14.6966, 53.9760**, and if you desaturate by 10%, it is **29.2560, 25.3131, 55.5688**.

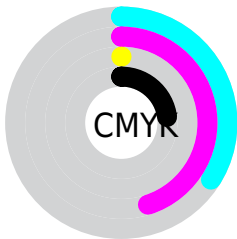
Distribution



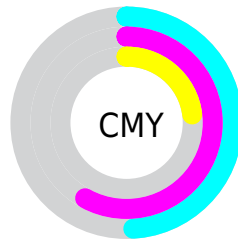
- Red (51%)
- Green (42%)
- Blue (77%)



- Red (51%)
- Yellow (42%)
- Blue (77%)



- Cyan (34%)
- Magenta (45%)
- Yellow (0%)
- Black (23%)



- Cyan (49%)
- Magenta (58%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.5323, 19.4565, 54.6870 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 24.5323, 19.4565, 54.6870 by changing the saturation by 10% instead.

■ 24.5323, 19.4565,
54.6870

■ 24.5323, 19.4565,
54.6870

267.8915,
248.9574, 421.9728

■ 15.8558, 12.0006,
38.7543

■ 50.3458, 42.5041,
98.5488

■ 9.5124, 6.7441,
26.2623

■ 68.2136, 58.8645,
127.3149

■ 5.1366, 3.3026,
16.7924

■ 89.8758, 78.9619,
161.1959

■ 2.3632, 1.2917,
9.9262

■ 115.6979,
103.1807, 200.6103

■ 0.8267, 0.1347,
5.2451

146.0451,
131.9053, 245.9766

■ 0.0000, 0.0000,
2.3305

181.2829,

■ 0.0000, 0.0000,

165.5200, 297.7135

0.7482

221.7766,
204.4092, 356.2394

■ 0.0000, 0.0000,
0.0000

■ 24.5323, 19.4565,
54.6870

■ 24.5323, 19.4565,
54.6870

■ 20.5969, 14.6966,
53.9760

■ 29.2560, 25.3131,
55.5688

■ 17.4024, 10.9614,
53.4234

■ 34.8071, 32.3282,
56.6303

■ 14.8995, 8.1730,
53.0171

■ 41.2248, 40.5611,
57.8812

■ 13.0316, 6.2414,
52.7427

■ 48.5449, 50.0668,
59.3301

■ 11.7316, 5.0580,
52.5828

■ 56.8013, 60.8965,
60.9853

■ 11.2306, 4.6386,
52.5283

■ 66.0261, 73.0990,
62.8544

■ 76.2498, 86.7202,
64.9447

■ 84.2941, 95.3892,
66.1941

■ 86.9639, 96.7655,
66.3190

Harmonies

Analogous

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



19.1206, 19.4565, 63.9791



24.5323, 19.4565, 54.6870



28.8583, 19.4565, 36.4701

Triad

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



24.5323, 19.4565, 54.6870



23.2568, 19.4565, 4.5813



10.2643, 19.4565, 23.0131

Complementary

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



24.5323, 19.4565, 54.6870



39.9025, 49.5615, 21.6513

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.



10.9645, 19.4565, 10.9078



24.5323, 19.4565, 54.6870



17.8789, 19.4565, 3.6127

Square

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



24.5323, 19.4565, 54.6870



28.0311, 19.4565, 9.0466



13.5361, 19.4565, 5.2523



11.4085, 19.4565, 41.0751

Rectangle

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



24.5323, 19.4565, 54.6870



30.1853, 19.4565, 24.5101



13.5361, 19.4565, 5.2523



10.2930, 19.4565, 18.1748

Sweetspot

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



24.5331, 19.4572, 54.6875



76.8089, 76.2287, 105.2731



31.2847, 37.4463, 57.8039



15.8392, 15.5395, 22.4146



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.



24.5331, 19.4572, 54.6875



37.3441, 26.6617, 97.7857



32.7825, 23.7099, 55.0735



9.7590, 9.8669, 12.6750



7.2837, 3.0153, 33.7547



0.3804, 0.1641, 1.4615

Inverse Universe

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



35.7679, 25.5174, 43.0845



60.6307, 39.2503, 72.4894



31.6532, 45.3088, 21.2652



10.3862, 10.2031, 12.1243



18.0472, 8.9086, 18.6925



0.8060, 0.3954, 0.9458

Previews

White Background



This preview shows how the XYZ color 24.5323, 19.4565, 54.6870 looks on a white background.

Color Contrast Check

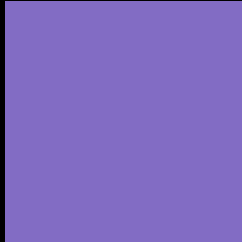
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.5323, 19.4565, 54.6870 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 24.5323, 19.4565, 54.6870

Background



This preview shows how black text looks on a background with the XYZ color 24.5323, 19.4565, 54.6870.

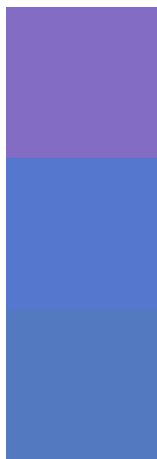


This preview shows how white text looks on a background with the XYZ color 24.5323, 19.4565,

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

24.5323, 19.4565, 54.6870

Protanopia

21.4837, 19.5812, 61.0398

Deuteranopia

20.1525, 19.6083, 53.1747



Tritanopia

18.4605, 19.3669, 24.5950

Trichromacy



Original Color

24.5323, 19.4565, 54.6870

Protanomaly

22.1582, 19.2924, 58.4331

Deuteranomaly

21.3544, 19.3269, 53.6439

Tritanomaly

20.3037, 19.2267, 33.6514

Monochromacy



Original Color

24.5323, 19.4565, 54.6870

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

20.9351, 19.9400, 32.0236

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.5323, 19.4565, 54.6870 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, 108, 196)` looks like.

```
.text, #text, p{  
    color:rgb(130, 108, 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(130, 108, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 108, 196) }
```

Border

The CSS property to change the border of an element to XYZ 24.5323, 19.4565, 54.6870 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, 108, 196) }
```


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

```
.border{ border-color:rgb(130, 108, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 108, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 108, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 108, 196);  
box-shadow:4px 4px 4px 4px rgb(130, 108,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 24.5323, 19.4565, 54.6870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 108, 196) }
```

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

```
.background{ background-color: rgb(130,  
108, 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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