

Converting Colors

XYZ(25.0414, 20.8622, 54.2831)

Have a look what the booklet for
XYZ(25.0414, 20.8622, 54.2831)
contains.

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Color

**XYZ(25.0343, 20.8687,
54.3384)**

Conversions

Conversions Part 1

Format	Color
Hex	8173C3
RGB	129, 115, 195
RGB Percent	51%, 45%, 76%
CMY	0.4941, 0.5490, 0.2353
CMYK	0.34, 0.41, 0.00, 0.24
HSL	251°, 40%, 61%
HSV	251°, 41%, 76%
XYZ	25.0343, 20.8687, 54.3384
YIQ	128.3060, -17.3360, 27.8480

Conversions

Conversions Part 2

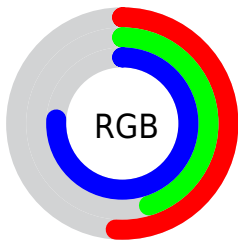
Format	Color
R_{YB}	129, 115, 195
Decimal	8483779
CIE _{Lab}	52.81, 23.93, -40.01
CIE _{LCh}	53, 46.620, 300.884
Yxy	20.8687, 0.2497, 0.2082
Android (android.graphics.Color)	4286673859 (0xFF8173C3)
YUV	128.3060, 32.8801, 0.6086
Hunter-Lab	45.6823, 17.8756, -38.5470

Details

The XYZ color **25.0343, 20.8687, 54.3384** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **41.6660, 50.0922, 23.6930**, and the grayscale version is **20.5183, 21.5869, 23.5081**.

A 20% lighter version of the original color is **51.1566, 44.8561, 98.0573**, and **9.7954, 7.4739, 26.1256** is the 20% darker color. If you saturate the color by 10%, you get **20.7872, 15.7204, 53.5689**, and if you desaturate by 10%, it is **30.1380, 27.1575, 55.2836**.

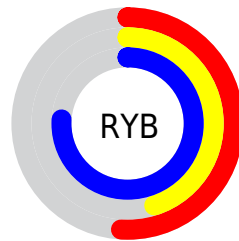
Distribution



Red (51%)

Green (45%)

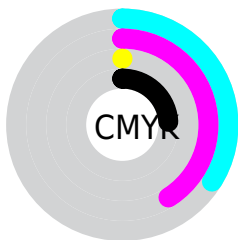
Blue (76%)



Red (51%)

Yellow (45%)

Blue (76%)

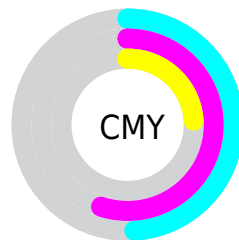


Cyan (34%)

Magenta (41%)

Yellow (0%)

Black (24%)



Cyan (49%)

Magenta (55%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.0343, 20.8687, 54.3384 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 25.0343, 20.8687, 54.3384 by changing the saturation by 10% instead.

■ 25.0343, 20.8687,
54.3384

■ 25.0343, 20.8687,
54.3384

270.3532,
256.5799, 420.6102

■ 16.2315, 13.0281,
38.4773

■ 51.1554, 44.8689,
98.0323

■ 9.7800, 7.4479,
26.0486

■ 69.2043, 61.7973,
126.7022

■ 5.3145, 3.7437,
16.6339

■ 91.0660, 82.5237,
160.4787

■ 2.4696, 1.5313,
9.8146

■ 117.1058,
107.4325, 199.7805

■ 0.8799, 0.3106,
5.1722

147.6891,
136.9081, 245.0259

■ 0.0000, 0.0000,
2.2882

183.1812,

■ 0.0000, 0.0000,

171.3350, 296.6337

0.7246

223.9474,
211.0974, 355.0222

■ 0.0000, 0.0000,
0.0000

■ 25.0343, 20.8687,
54.3384

■ 25.0343, 20.8687,
54.3384

■ 20.7872, 15.7204,
53.5689

■ 30.1380, 27.1575,
55.2836

■ 17.3465, 11.6413,
52.9629

■ 36.1401, 34.6477,
56.4131

■ 14.6602, 8.5553,
52.5088

■ 43.0824, 43.3986,
57.7363

■ 12.6691, 6.3754,
52.1930

■ 51.0031, 53.4650,
59.2618

■ 11.3045, 4.9990,
51.9993

■ 59.9388, 64.8983,
60.9977

■ 10.5143, 4.2824,
51.9026

■ 69.9236, 77.7472,
62.9515

■ 80.9905, 92.0581,
65.1305

■ 86.8504, 96.7202,
65.7215

Harmonies

Analogous

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



19.9798, 20.8687, 61.4119



25.0343, 20.8687, 54.3384



29.1806, 20.8687, 38.4087

Triad

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



25.0343, 20.8687, 54.3384



24.7435, 20.8687, 6.4343



11.8753, 20.8687, 23.1383

Complementary

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



25.0343, 20.8687, 54.3384



41.6660, 50.0922, 23.6930

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.



12.7340, 20.8687, 12.0212



25.0343, 20.8687, 54.3384



19.6911, 20.8687, 5.0834

Square

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



25.0343, 20.8687, 54.3384



28.9943, 20.8687, 11.5590



15.4107, 20.8687, 6.6142



12.8418, 20.8687, 39.4336

Rectangle

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



25.0343, 20.8687, 54.3384



30.5785, 20.8687, 27.2364



15.4107, 20.8687, 6.6142



11.9586, 20.8687, 18.7370

Sweetspot

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



25.0351, 20.8695, 54.3389



75.6280, 75.7877, 103.1123



33.5809, 40.9051, 57.7557



16.1827, 16.1176, 22.5080



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.



25.0351, 20.8695, 54.3389



38.1105, 29.2133, 96.0999



32.2012, 24.5637, 54.6743



9.6890, 9.8308, 12.6717



6.8842, 2.8094, 33.7360



0.3492, 0.1481, 1.4601

Inverse Universe

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



36.9773, 27.2004, 47.0174



62.5211, 42.1724, 80.2989



33.7084, 45.9899, 23.3206



10.4192, 10.2163, 12.2980



18.8290, 9.2214, 22.8096



0.8339, 0.4066, 1.0927

Previews

White Background



This preview shows how the XYZ color 25.0343, 20.8687, 54.3384 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 25.0343, 20.8687, 54.3384 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

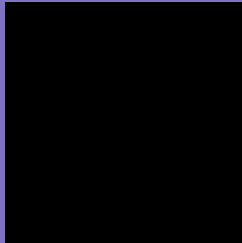
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.0343, 20.8687, 54.3384

Background



This preview shows how black text looks on a background with the XYZ color 25.0343, 20.8687, 54.3384.



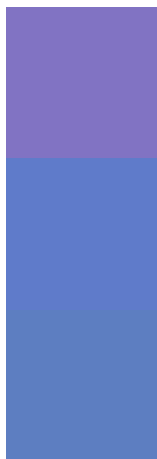
This preview shows how white text looks on a background with the XYZ color 25.0343, 20.8687,

54.3384.

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

25.0343, 20.8687, 54.3384

Protanopia

22.4629, 20.8631, 58.7202

Deuteranopia

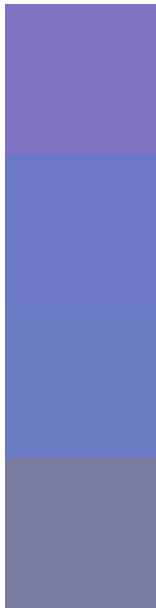
21.6007, 21.0991, 53.3861



Tritanopia

19.5129, 20.7956, 27.0303

Trichromacy



Original Color

25.0343, 20.8687, 54.3384

Protanomaly

23.0887, 20.6823, 56.8080

Deuteranomaly

22.6410, 20.8783, 53.8755

Tritanomaly

21.2261, 20.7341, 35.6842

Monochromacy



Original Color

25.0343, 20.8687, 54.3384

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

21.6525, 21.0221, 32.6222

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.0343, 20.8687, 54.3384 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(129, 115, 195)` looks like.

```
.text, #text, p{  
    color:rgb(129, 115, 195)  
}
```

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(129, 115, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 115, 195) }
```

Border

The CSS property to change the border of an element to XYZ 25.0343, 20.8687, 54.3384 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(129, 115, 195) }
```


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

```
.border{ border-color:rgb(129, 115, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 115, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 115, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 115, 195);  
box-shadow:4px 4px 4px 4px rgb(129, 115,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 25.0343, 20.8687, 54.3384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 115, 195) }
```

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

```
.background{ background-color: rgb(129,  
115, 195) }
```

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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