

Converting Colors

XYZ(25.1450, 20.9982, 51.9521)

Have a look what the booklet for
XYZ(25.1450, 20.9982, 51.9521)
contains.

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Color

**XYZ(25.2076, 21.0096,
52.0169)**

Conversions

Conversions Part 1

Format	Color
Hex	8573BF
RGB	133, 115, 191
RGB Percent	52%, 45%, 75%
CMY	0.4784, 0.5490, 0.2510
CMYK	0.30, 0.40, 0.00, 0.25
HSL	254°, 37%, 60%
HSV	254°, 40%, 75%
XYZ	25.2076, 21.0096, 52.0169
YIQ	129.0460, -13.6680, 27.4520

Conversions

Conversions Part 2

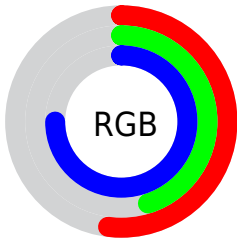
Format	Color
R_{YB}	133, 115, 191
Decimal	8745919
CIE _{Lab}	52.96, 24.00, -37.45
CIE _{LCh}	53, 44.482, 302.655
Yxy	21.0096, 0.2566, 0.2139
Android (android.graphics.Color)	4286935999 (0xFF8573BF)
YUV	129.0460, 30.5433, 3.4677
Hunter-Lab	45.8362, 17.9525, -35.1994

Details

The XYZ color **25.2076, 21.0096, 52.0169** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **38.9592, 47.3840, 23.3130**, and the grayscale version is **20.7828, 21.8652, 23.8112**.

A 20% lighter version of the original color is **51.5010, 45.1061, 94.7989**, and **9.9159, 7.5698, 24.6054** is the 20% darker color. If you saturate the color by 10%, you get **21.1073, 15.9910, 51.2647**, and if you desaturate by 10%, it is **30.0800, 27.0969, 52.9354**.

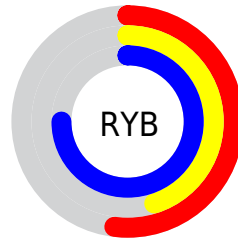
Distribution



Red (52%)

Green (45%)

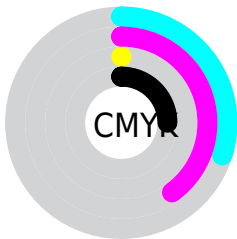
Blue (75%)



Red (52%)

Yellow (45%)

Blue (75%)

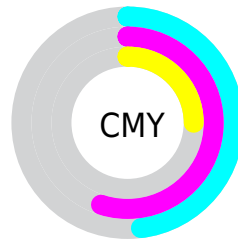


Cyan (30%)

Magenta (40%)

Yellow (0%)

Black (25%)



Cyan (48%)

Magenta (55%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.2076, 21.0096, 52.0169 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 25.2076, 21.0096, 52.0169 by changing the saturation by 10% instead.

■ 25.2076, 21.0096,
52.0169

■ 25.2076, 21.0096,
52.0169

271.1988,
257.3295, 411.4607

■ 16.3613, 13.1310,
36.6362

■ 51.4343, 45.1035,
94.5830

■ 9.8727, 7.5188,
24.6324

■ 69.5454, 62.0876,
122.6055

■ 5.3762, 3.7886,
15.5869

■ 91.4756, 82.8757,
155.6790

■ 2.5067, 1.5560,
9.0811

■ 117.5901,
107.8522, 194.2221

■ 0.8986, 0.3277,
4.6966

148.2543,
137.4014, 238.6532

■ 0.0000, 0.0000,
2.0148

183.8336,

■ 0.0000, 0.0000,

171.9077, 289.3910

0.5643

224.6933,
211.7557, 346.8540

■ 0.0000, 0.0000,
0.0000

■ 25.2076, 21.0096,
52.0169

■ 25.2076, 21.0096,
52.0169

■ 21.1073, 15.9910,
51.2647

■ 30.0800, 27.0969,
52.9354

■ 17.7357, 11.9759,
50.6674

■ 35.7603, 34.3081,
54.0280

■ 15.0483, 8.8952,
50.2144

■ 42.2845, 42.6976,
55.3034

■ 12.9947, 6.6704,
49.8932

■ 49.6860, 52.3154,
56.7697

■ 11.5164, 5.2090,
49.6891

■ 57.9962, 63.2086,
58.4344

■ 10.5148, 4.3407,
49.5743

■ 67.2450, 75.4219,
60.3043

■ 10.4968, 4.3250,
49.5722

■ 77.4607, 88.9977,
62.3863

■ 84.4495, 95.5340,
63.2795

■ 86.4040, 96.5416,
63.3710

Harmonies

Analogous

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



20.3872, 21.0096, 59.3032



25.2076, 21.0096, 52.0169



29.0378, 21.0096, 36.8125

Triad

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



25.2076, 21.0096, 52.0169



24.3766, 21.0096, 6.8089



12.2855, 21.0096, 24.0862

Complementary

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



25.2076, 21.0096, 52.0169



38.9592, 47.3840, 23.3130

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.



13.0173, 21.0096, 12.9928



25.2076, 21.0096, 52.0169



19.5565, 21.0096, 5.6192

Square

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



25.2076, 21.0096, 52.0169



28.5080, 21.0096, 11.6303



15.5116, 21.0096, 7.3531



13.3320, 21.0096, 39.7150

Rectangle

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



25.2076, 21.0096, 52.0169



30.2456, 21.0096, 26.3176



15.5116, 21.0096, 7.3531



12.3318, 21.0096, 19.7481

Sweetspot

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



25.2084, 21.0104, 52.0174



72.7853, 72.6669, 98.4690



31.4696, 37.3965, 54.8502



15.6353, 15.5089, 21.5547



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



25.2084, 21.0104, 52.0174



38.4977, 29.4804, 91.9404



32.2718, 24.6518, 52.3480



9.2224, 9.3315, 11.9873



6.9592, 2.8737, 32.5808



0.3328, 0.1436, 1.2790

Inverse Universe

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



35.1599, 26.3556, 42.7693



59.0982, 40.5655, 71.8910



31.7605, 43.6730, 22.9761



9.8307, 9.6566, 11.4974



17.5502, 8.6512, 18.7228



0.7113, 0.3484, 0.8590

Previews

White Background



This preview shows how the XYZ color 25.2076, 21.0096, 52.0169 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 25.2076, 21.0096, 52.0169 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

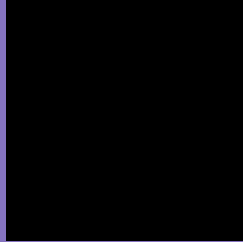
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.2076, 21.0096, 52.0169

Background



This preview shows how black text looks on a background with the XYZ color 25.2076, 21.0096, 52.0169.

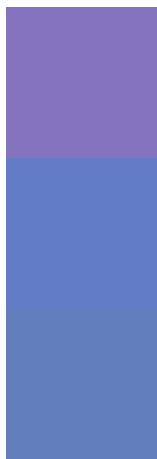


This preview shows how white text looks on a background with the XYZ color 25.2076, 21.0096,

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

25.2076, 21.0096, 52.0169

Protanopia

22.6620, 21.1915, 56.9288

Deuteranopia

21.6832, 21.1925, 51.0918



Tritanopia

20.1308, 21.1225, 26.6829

Trichromacy



Original Color

25.2076, 21.0096, 52.0169

Protanomaly

23.3567, 21.0398, 55.0546

Deuteranomaly

22.8093, 21.0163, 51.5696

Tritanomaly

21.7729, 21.0359, 34.8111

Monochromacy



Original Color

25.2076, 21.0096, 52.0169

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

22.0811, 21.4281, 32.6780

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.2076, 21.0096, 52.0169 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(133, 115, 191)` looks like.

```
.text, #text, p{  
    color:rgb(133, 115, 191)  
}
```

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(133, 115, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 115, 191) }
```

Border

The CSS property to change the border of an element to XYZ 25.2076, 21.0096, 52.0169 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(133, 115, 191) }
```


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

```
.border{ border-color:rgb(133, 115, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 115, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 115, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 115, 191);  
box-shadow:4px 4px 4px 4px rgb(133, 115,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 25.2076, 21.0096, 52.0169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 115, 191) }
```

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

```
.background{ background-color: rgb(133,  
115, 191) }
```

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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