

Converting Colors

XYZ(25.7956, 20.8099, 53.5784)

Have a look what the booklet for
XYZ(25.7956, 20.8099, 53.5784)
contains.

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Color

**XYZ(25.8483, 20.8017,
53.6917)**

Conversions

Conversions Part 1

Format	Color
Hex	8970C2
RGB	137, 112, 194
RGB Percent	54%, 44%, 76%
CMY	0.4627, 0.5608, 0.2392
CMYK	0.29, 0.42, 0.00, 0.24
HSL	258°, 40%, 60%
HSV	258°, 42%, 76%
XYZ	25.8483, 20.8017, 53.6917
YIQ	128.8230, -11.4220, 30.8020

Conversions

Conversions Part 2

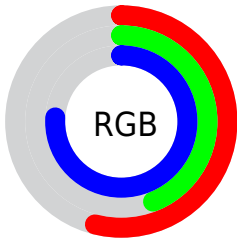
Format	Color
R_{YB}	137, 112, 194
Decimal	9007298
CIE _{Lab}	52.73, 27.68, -39.50
CIE _{LCh}	53, 48.240, 305.023
Yxy	20.8017, 0.2576, 0.2073
Android (android.graphics.Color)	4287197378 (0xFF8970C2)
YUV	128.8230, 32.1323, 7.1712
Hunter-Lab	45.6089, 21.3472, -37.8712

Details

The XYZ color **25.8483, 20.8017, 53.6917** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **38.5789, 48.1888, 22.5979**, and the grayscale version is **20.6991, 21.7770, 23.7152**.

A 20% lighter version of the original color is **52.4263, 44.7224, 97.1359**, and **10.2232, 7.4451, 25.7092** is the 20% darker color. If you saturate the color by 10%, you get **21.8598, 15.9033, 52.9568**, and if you desaturate by 10%, it is **30.5758, 26.7664, 54.5942**.

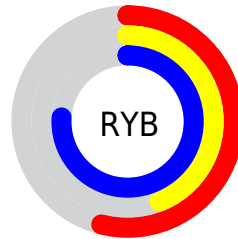
Distribution



Red (54%)

Green (44%)

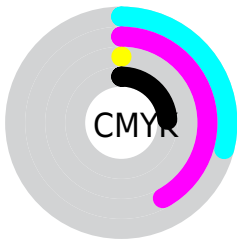
Blue (76%)



Red (54%)

Yellow (44%)

Blue (76%)

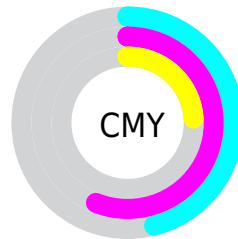


Cyan (29%)

Magenta (42%)

Yellow (0%)

Black (24%)



Cyan (46%)

Magenta (56%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.8483, 20.8017, 53.6917 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 25.8483, 20.8017, 53.6917 by changing the saturation by 10% instead.

■ 25.8483, 20.8017,
53.6917

■ 25.8483, 20.8017,
53.6917

274.3070,
256.2228, 418.0746

■ 16.8423, 12.9791,
37.9637

■ 52.4632, 44.7573,
97.0733

■ 10.2167, 7.4142,
25.6529

■ 70.8027, 61.6591,
125.5639

■ 5.6062, 3.7224,
16.3407

■ 92.9841, 82.3561,
159.1459

■ 2.6455, 1.5195,
9.6086

■ 119.3728,
107.2326, 198.2378

■ 0.9692, 0.3024,
5.0381

150.3341,
136.6732, 243.2580

■ 0.0000, 0.0000,
2.2105

186.2333,

■ 0.0000, 0.0000,

171.0621, 294.6252

0.6804

227.4358,
210.7839, 352.7579

■ 0.0000, 0.0000,
0.0000

■ 25.8483, 20.8017,
53.6917

■ 25.8483, 20.8017,
53.6917

■ 21.8598, 15.9033,
52.9568

■ 30.5758, 26.7664,
54.5942

■ 18.5680, 12.0038,
52.3776

■ 36.0768, 33.8544,
55.6724

■ 15.9293, 9.0316,
51.9430

■ 42.3864, 42.1215,
56.9356

■ 13.8940, 6.9041,
51.6396

■ 49.5368, 51.6190,
58.3919

■ 12.4039, 5.5232,
51.4516

■ 57.5582, 62.3952,
60.0491

■ 11.5502, 4.8294,
51.3627

■ 66.4796, 74.4958,
61.9146

■ 76.3283, 87.9639,
63.9951

■ 83.1134, 94.8067,
64.9583

■ 86.7377, 96.6751,
65.1279

Harmonies

Analogous

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



20.6290, 20.8017, 62.8875



25.8483, 20.8017, 53.6917



29.8821, 20.8017, 36.4521

Triad

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



25.8483, 20.8017, 53.6917



24.1365, 20.8017, 5.6903



11.6265, 20.8017, 25.1584

Complementary

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



25.8483, 20.8017, 53.6917



38.5789, 48.1888, 22.5979

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.



12.2452, 20.8017, 12.8623



25.8483, 20.8017, 53.6917



18.9378, 20.8017, 4.7587

Square

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



25.8483, 20.8017, 53.6917



28.7823, 20.8017, 10.1951



14.7304, 20.8017, 6.7100



12.8699, 20.8017, 42.5210

Rectangle

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



25.8483, 20.8017, 53.6917



31.0383, 20.8017, 25.1352



14.7304, 20.8017, 6.7100



11.6261, 20.8017, 20.3334

Sweetspot

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



25.8491, 20.8025, 53.6922



75.6556, 74.8131, 102.9227



30.6827, 35.8654, 56.3449



15.9828, 15.6136, 22.4213



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.



25.8491, 20.8025, 53.6922



39.9073, 29.1790, 95.9985



33.8007, 24.9017, 54.0643



9.8107, 9.8936, 12.6774



7.6679, 3.2134, 33.7727



0.4031, 0.1759, 1.4626

Inverse Universe

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



35.2041, 25.9228, 40.6843



59.5133, 39.9339, 67.6522



31.1793, 44.3742, 22.2516



10.3623, 10.1935, 11.9983



17.5337, 8.7032, 15.9886



0.7871, 0.3878, 0.8462

Previews

White Background



This preview shows how the XYZ color 25.8483, 20.8017, 53.6917 looks on a white background.

Color Contrast Check

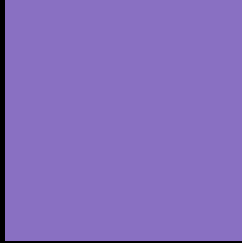
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.8483, 20.8017, 53.6917 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 25.8483, 20.8017, 53.6917

Background



This preview shows how black text looks on a background with the XYZ color 25.8483, 20.8017, 53.6917.



This preview shows how white text looks on a background with the XYZ color 25.8483, 20.8017,

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

25.8483, 20.8017, 53.6917

Protanopia

22.5981, 20.9052, 59.9708

Deuteranopia

21.4569, 20.8617, 52.1860



Tritanopia

20.1642, 20.7765, 25.8692

Trichromacy



Original Color

25.8483, 20.8017, 53.6917

Protanomaly

23.4526, 20.6788, 57.3989

Deuteranomaly

22.6613, 20.5537, 52.6421

Tritanomaly

21.7705, 20.5004, 34.2620

Monochromacy



Original Color

25.8483, 20.8017, 53.6917

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

22.3484, 21.3714, 33.0842

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.8483, 20.8017, 53.6917 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(137, 112, 194)` looks like.

```
.text, #text, p{  
    color:rgb(137, 112, 194)  
}
```

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(137, 112, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 112, 194) }
```

Border

The CSS property to change the border of an element to XYZ 25.8483, 20.8017, 53.6917 is called "border". The border property can be set on classes, ids or directly on the HTML element.

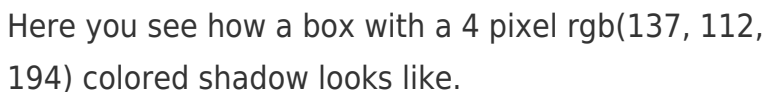
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(137, 112, 194) }
```


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

```
.border{ border-color:rgb(137, 112, 194) }
```

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



Here you see how a box with a 4 pixel `rgb(137, 112, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(137, 112, 194); -webkit-box-shadow:4px 4px 4px 4px rgb(137, 112, 194); box-shadow:4px 4px 4px 4px rgb(137, 112, 194) }
```

Background

The CSS property to change the background color of an element to XYZ 25.8483, 20.8017, 53.6917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 112, 194) }
```

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

```
.background{ background-color: rgb(137,  
112, 194) }
```

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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