

Converting Colors

XYZ(25.9318, 26.4169, 53.1080)

Have a look what the booklet for
XYZ(25.9318, 26.4169, 53.1080)
contains.

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Color

**XYZ(25.8683, 26.3887,
53.0203)**

Conversions

Conversions Part 1

Format	Color
Hex	728DBF
RGB	114, 141, 191
RGB Percent	45%, 55%, 75%
CMY	0.5529, 0.4471, 0.2510
CMYK	0.40, 0.26, 0.00, 0.25
HSL	219°, 38%, 60%
HSV	219°, 40%, 75%
XYZ	25.8683, 26.3887, 53.0203
YIQ	138.6270, -32.1420, 9.8260

Conversions

Conversions Part 2

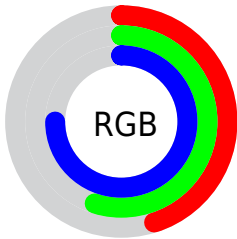
Format	Color
R_YB	114, 134, 191
Decimal	7507391
CIE Lab	58.40, 3.32, -29.06
CIE LCh	58, 29.252, 276.514
Yxy	26.3887, 0.2457, 0.2507
Android (android.graphics.Color)	4285697471 (0xFF728DBF)
YUV	138.6270, 25.8199, -21.5979
Hunter-Lab	51.3699, -0.0103, -25.2359

Details

The XYZ color **25.8683, 26.3887, 53.0203** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **37.7994, 38.8433, 21.4260**, and the grayscale version is **24.3110, 25.5770, 27.8534**.

A 20% lighter version of the original color is **52.3835, 53.6857, 96.4084**, and **10.1809, 10.2804, 25.1146** is the 20% darker color. If you saturate the color by 10%, you get **21.9110, 21.7846, 52.3407**, and if you desaturate by 10%, it is **30.5510, 31.6719, 53.7937**.

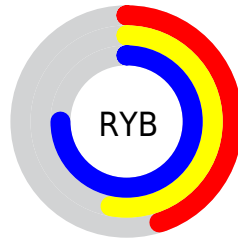
Distribution



Red (45%)

Green (55%)

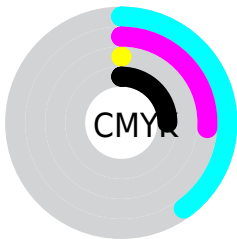
Blue (75%)



Red (45%)

Yellow (53%)

Blue (75%)

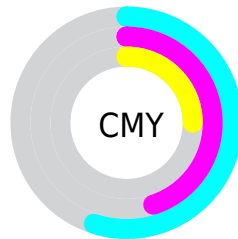


Cyan (40%)

Magenta (26%)

Yellow (0%)

Black (25%)



Cyan (55%)

Magenta (45%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.8683, 26.3887, 53.0203 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 25.8683, 26.3887, 53.0203 by changing the saturation by 10% instead.

■ 25.8683, 26.3887,
53.0203

■ 25.8683, 26.3887,
53.0203

274.4035,
284.6850, 415.4315

■ 16.8573, 17.1147,
37.4311

■ 52.4952, 53.9014,
96.0761

■ 10.2275, 10.3163,
25.2431

■ 70.8419, 72.9088,
124.3798

■ 5.6135, 5.6092,
16.0376

■ 93.0311, 95.9294,
157.7588

■ 2.6499, 2.6089,
9.3961

119.4283,
123.3477, 196.6315

■ 0.9715, 0.9311,
4.9001

150.3987,
155.5480, 241.4167

■ 0.0000, 0.0000,
2.1311

186.3079,

■ 0.0000, 0.0000,

192.9147, 292.5327

0.6342

227.5210,
235.8322, 350.3981

■ 0.0000, 0.0000,
0.0000

■ 25.8683, 26.3887,
53.0203

■ 25.8683, 26.3887,
53.0203

■ 21.9110, 21.7846,
52.3407

■ 30.5510, 31.6719,
53.7937

■ 18.6371, 17.8263,
51.7492

■ 35.9925, 37.6593,
54.6626

■ 16.0041, 14.4820,
51.2424

■ 42.2273, 44.3784,
55.6309

■ 13.9634, 11.7154,
50.8160

■ 49.2870, 51.8541,
56.7018

■ 12.4582, 9.4854,
50.4649

■ 57.2012, 60.1101,
57.8782

■ 11.4096, 7.7727,
50.1896

■ 65.9983, 69.1692,
59.1632

■ 75.7052, 79.0529,
60.5593

■ 81.8703, 87.4741,
61.8598

■ 85.6518, 95.0372,
63.1203

Harmonies

Analogous

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



22.4447, 26.3887, 50.7933



25.8683, 26.3887, 53.0203



29.3910, 26.3887, 47.6026

Triad

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



25.8683, 26.3887, 53.0203



31.0120, 26.3887, 18.5524



19.2989, 26.3887, 21.5896

Complementary

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



25.8683, 26.3887, 53.0203



37.7994, 38.8433, 21.4260

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.



21.2156, 26.3887, 15.6535



25.8683, 26.3887, 53.0203



27.9175, 26.3887, 14.2128

Square

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



25.8683, 26.3887, 53.0203



32.5372, 26.3887, 26.5603



24.3111, 26.3887, 13.2942



18.8620, 26.3887, 31.0207

Rectangle

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



25.8683, 26.3887, 53.0203



31.2522, 26.3887, 40.9994



24.3111, 26.3887, 13.2942



19.7820, 26.3887, 19.1951

Sweetspot

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



25.8692, 26.3897, 53.0209



73.4211, 77.1198, 99.2950



32.1611, 43.4757, 41.2383



15.7882, 16.5761, 21.7527



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.



25.8692, 26.3897, 53.0209



40.2607, 40.2190, 93.9202



23.7731, 20.1024, 51.9178



9.2828, 9.7579, 12.0664



7.5672, 5.2461, 33.0067



0.3587, 0.3300, 1.3137

Inverse Universe

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



32.3117, 25.0351, 28.3294



53.5615, 38.3508, 42.7352



40.6623, 48.2686, 23.0944



9.6646, 9.5901, 10.6228



14.8203, 7.5593, 4.3475



0.6120, 0.3087, 0.3358

Previews

White Background



This preview shows how the XYZ color 25.8683, 26.3887, 53.0203 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 25.8683, 26.3887, 53.0203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

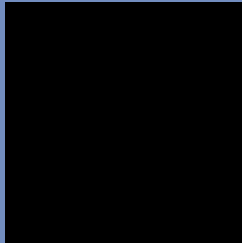
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

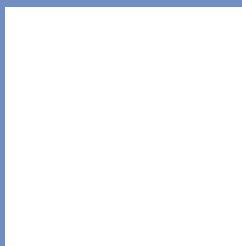
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.8683, 26.3887, 53.0203

Background



This preview shows how black text looks on a background with the XYZ color 25.8683, 26.3887, 53.0203.



This preview shows how white text looks on a background with the XYZ color 25.8683, 26.3887,

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

25.8683, 26.3887, 53.0203

Protanopia

26.8780, 26.2867, 51.8013

Deuteranopia

26.9151, 26.2678, 53.5208



Tritanopia

22.6356, 26.4348, 36.7103

Trichromacy



Original Color

25.8683, 26.3887, 53.0203

Protanomaly

26.5529, 26.3205, 52.3961

Deuteranomaly

26.4928, 26.2641, 53.5423

Tritanomaly

23.7828, 26.4423, 42.3785

Monochromacy



Original Color

25.8683, 26.3887, 53.0203

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

24.7556, 25.9706, 36.0558

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.8683, 26.3887, 53.0203 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(114, 141, 191)` looks like.

```
.text, #text, p{  
    color:rgb(114, 141, 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(114, 141, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 141, 191) }
```

Border

The CSS property to change the border of an element to XYZ 25.8683, 26.3887, 53.0203 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(114, 141, 191) }
```


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

```
.border{ border-color:rgb(114, 141, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 141, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 141, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 141, 191);  
box-shadow:4px 4px 4px 4px rgb(114, 141,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 25.8683, 26.3887, 53.0203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 141, 191) }
```

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

```
.background{ background-color: rgb(114,  
141, 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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