

Converting Colors

XYZ(25.2627, 24.3882, 52.6661)

Have a look what the booklet for
XYZ(25.2627, 24.3882, 52.6661)
contains.

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Color

**XYZ(25.2627, 24.3882,
52.6661)**

Conversions

Conversions Part 1

Format	Color
Hex	7685BF
RGB	118, 133, 191
RGB Percent	46%, 52%, 75%
CMY	0.5372, 0.4784, 0.2510
CMYK	0.38, 0.30, 0.00, 0.25
HSL	228°, 36%, 61%
HSV	228°, 38%, 75%
XYZ	25.2627, 24.3882, 52.6661
YIQ	135.1270, -27.5580, 14.8580

Conversions

Conversions Part 2

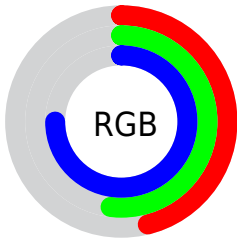
Format	Color
R _Y B	118, 130, 191
Decimal	7767487
CIE Lab	56.47, 9.09, -32.04
CIE LCh	56, 33.304, 285.836
Yxy	24.3882, 0.2469, 0.2384
Android (android.graphics.Color)	4285957567 (0xFF7685BF)
YUV	135.1270, 27.5454, -15.0204
Hunter-Lab	49.3844, 4.8893, -28.6608

Details

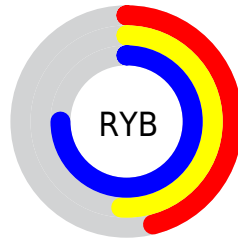
The XYZ color **25.2627, 24.3882, 52.6661** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **40.2818, 43.4358, 23.4014**, and the grayscale version is **22.9853, 24.1823, 26.3345**.

A 20% lighter version of the original color is **51.5154, 50.6658, 95.8713**, and **9.9324, 9.3050, 24.9395** is the 20% darker color. If you saturate the color by 10%, you get **20.9971, 19.3250, 51.9141**, and if you desaturate by 10%, it is **30.3553, 30.3244, 53.5439**.

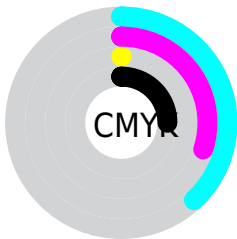
Distribution



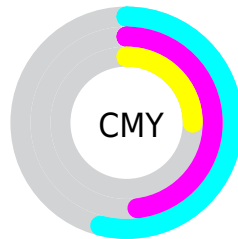
- Red (46%)
- Green (52%)
- Blue (75%)



- Red (46%)
- Yellow (51%)
- Blue (75%)



- Cyan (38%)
- Magenta (30%)
- Yellow (0%)
- Black (25%)



- Cyan (54%)
- Magenta (48%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.2627, 24.3882, 52.6661 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 25.2627, 24.3882, 52.6661 by changing the saturation by 10% instead.

■ 25.2627, 24.3882,
52.6661

■ 25.2627, 24.3882,
52.6661

271.4673,
274.7773, 414.0327

■ 16.4027, 15.6218,
37.1504

■ 51.5229, 50.6629,
95.5494

■ 9.9022, 9.2570,
25.0273

■ 69.6538, 68.9401,
123.7541

■ 5.3959, 4.9092,
15.8782

■ 91.6057, 91.1564,
157.0255

■ 2.5185, 2.1941,
9.2846

117.7439,
117.6961, 195.7822

■ 0.9046, 0.7168,
4.8279

148.4338,
148.9436, 240.4428

■ 0.0000, 0.0000,
2.0897

184.0407,

■ 0.0000, 0.0000,

185.2834, 291.4256

0.6096

224.9301,
227.0998, 349.1494

■ 0.0000, 0.0000,
0.0000

■ 25.2627, 24.3882,
52.6661

■ 25.2627, 24.3882,
52.6661

■ 20.9971, 19.3250,
51.9141

■ 30.3553, 30.3244,
53.5439

■ 17.5114, 15.0899,
51.2803

■ 36.3137, 37.1699,
54.5512

■ 14.7572, 11.6381,
50.7592

■ 43.1772, 44.9624,
55.6936

■ 12.6796, 8.9192,
50.3439

■ 50.9819, 53.7365,
56.9758

■ 11.2154, 6.8766,
50.0268

■ 59.7619, 63.5251,
58.4024

■ 10.2728, 5.4359,
49.7984

■ 69.5495, 74.3595,
59.9778

■ 10.1377, 5.2289,
49.7656

■ 80.3757, 86.2699,
61.7061

■ 86.2148, 96.1632,
63.3080

■ 86.4041, 96.5416,
63.3711

Harmonies

Analogous

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



21.4130, 24.3882, 52.9195



25.2627, 24.3882, 52.6661



28.9155, 24.3882, 44.2644

Triad

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



25.2627, 24.3882, 52.6661



28.7387, 24.3882, 14.0502



16.7094, 24.3882, 21.6905

Complementary

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



25.2627, 24.3882, 52.6661



40.2818, 43.4358, 23.4014

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.



18.2584, 24.3882, 14.3386



25.2627, 24.3882, 52.6661



25.0422, 24.3882, 10.8297

Square

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



25.2627, 24.3882, 52.6661



31.0691, 24.3882, 21.1720



21.2155, 24.3882, 10.9181



16.7545, 24.3882, 32.7800

Rectangle

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



25.2627, 24.3882, 52.6661



30.6235, 24.3882, 36.2289



21.2155, 24.3882, 10.9181



17.0528, 24.3882, 18.7769

Sweetspot

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



25.2636, 24.3891, 52.6667



73.5242, 76.2220, 99.1163



33.8586, 44.2161, 47.4026



15.7681, 16.3101, 21.7024



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.



25.2636, 24.3891, 52.6667



38.6538, 35.8665, 93.1648



26.4779, 22.1812, 52.1765



9.1711, 9.5345, 12.0292



6.7099, 3.5315, 32.7209



0.3103, 0.2333, 1.2975

Inverse Universe

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



32.1986, 25.7276, 25.4601



53.0284, 39.2017, 36.6470



38.5476, 47.1515, 24.2100



9.6082, 9.5676, 10.3258



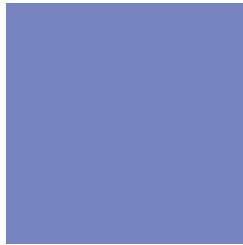
14.3876, 7.3862, 2.0687



0.5875, 0.2989, 0.2073

Previews

White Background



This preview shows how the XYZ color 25.2627, 24.3882, 52.6661 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 25.2627, 24.3882, 52.6661 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

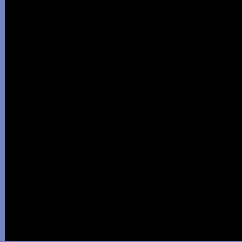
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.2627, 24.3882, 52.6661

Background



This preview shows how black text looks on a background with the XYZ color 25.2627, 24.3882, 52.6661.



This preview shows how white text looks on a background with the XYZ color 25.2627, 24.3882,

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

25.2627, 24.3882, 52.6661

Protanopia

25.1276, 24.3186, 52.6598

Deuteranopia

24.9993, 24.4566, 52.6932



Tritanopia

21.3767, 24.5049, 33.3090

Trichromacy



Original Color

25.2627, 24.3882, 52.6661

Protanomaly

25.1276, 24.3186, 52.6598

Deuteranomaly

25.1315, 24.5248, 52.6994

Tritanomaly

22.6535, 24.3749, 39.5872

Monochromacy



Original Color

25.2627, 24.3882, 52.6661

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

23.4948, 24.0839, 34.4207

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.2627, 24.3882, 52.6661 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(118, 133, 191)` looks like.

```
.text, #text, p{  
    color:rgb(118, 133, 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(118, 133, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 133, 191) }
```

Border

The CSS property to change the border of an element to XYZ 25.2627, 24.3882, 52.6661 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(118, 133, 191) }
```


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

```
.border{ border-color:rgb(118, 133, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 133, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 133, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 133, 191);  
box-shadow:4px 4px 4px 4px rgb(118, 133,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 25.2627, 24.3882, 52.6661 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 133, 191) }
```

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

```
.background{ background-color: rgb(118,  
133, 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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