

Converting Colors

XYZ(25.1159, 27.2490, 46.6459)

Have a look what the booklet for
XYZ(25.1159, 27.2490, 46.6459)
contains.

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Color

**XYZ(25.0977, 27.2572,
46.5862)**

Conversions

Conversions Part 1

Format	Color
Hex	7092B3
RGB	112, 146, 179
RGB Percent	44%, 57%, 70%
CMY	0.5608, 0.4274, 0.2980
CMYK	0.37, 0.18, 0.00, 0.30
HSL	210°, 31%, 57%
HSV	210°, 37%, 70%
XYZ	25.0977, 27.2572, 46.5862
YIQ	139.5960, -30.8570, 3.0550

Conversions

Conversions Part 2

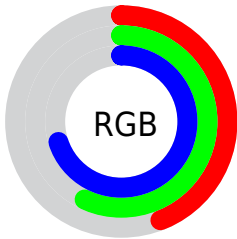
Format	Color
RYB	112, 135, 179
Decimal	7377587
CIELab	59.21, -3.41, -21.03
CIELCh	59, 21.305, 260.784
Yxy	27.2572, 0.2537, 0.2755
Android (android.graphics.Color)	4285567667 (0xFF7092B3)
YUV	139.5960, 19.4262, -24.2017
Hunter-Lab	52.2084, -5.5560, -16.3593

Details

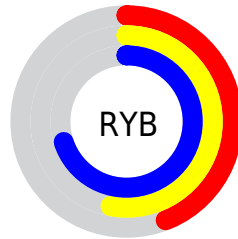
The XYZ color **25.0977, 27.2572, 46.5862** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **31.6411, 31.0050, 19.6471**, and the grayscale version is **24.7071, 25.9938, 28.3073**.

A 20% lighter version of the original color is **51.3756, 55.4137, 86.5854**, and **9.8122, 10.8328, 21.3124** is the 20% darker color. If you saturate the color by 10%, you get **21.7356, 23.5842, 46.0549**, and if you desaturate by 10%, it is **29.0191, 31.3754, 47.1749**.

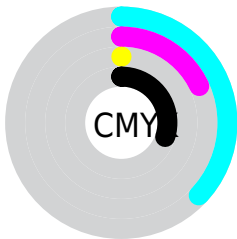
Distribution



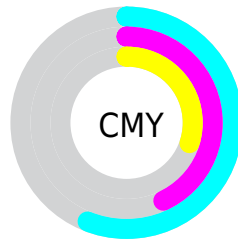
- Red (44%)
- Green (57%)
- Blue (70%)



- Red (44%)
- Yellow (53%)
- Blue (70%)



- Cyan (37%)
- Magenta (18%)
- Yellow (0%)
- Black (30%)



- Cyan (56%)
- Magenta (43%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.0977, 27.2572, 46.5862 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 25.0977, 27.2572, 46.5862 by changing the saturation by 10% instead.

■ 25.0977, 27.2572,
46.5862

■ 25.0977, 27.2572,
46.5862

270.6628,
288.9003, 389.5062

■ 16.2790, 17.7665,
32.3567

■ 51.2574, 55.2963,
86.4391

■ 9.8139, 10.7825,
21.3670

■ 69.3291, 74.6135,
112.8996

■ 5.3370, 5.9208,
13.1987

■ 91.2159, 97.9750,
144.2741

■ 2.4831, 2.7970,
7.4332

■ 117.2831,
125.7651, 180.9812

■ 0.8868, 1.0267,
3.6519

147.8960,
158.3683, 223.4394

■ 0.0000, 0.0000,
1.4364

183.4200,

■ 0.0000, 0.0000,

196.1690, 272.0673

0.1699

224.2205,
239.5515, 327.2834

■ 0.0000, 0.0000,
0.0000

■ 25.0977, 27.2572,
46.5862

■ 25.0977, 27.2572,
46.5862

■ 21.7356, 23.5842,
46.0549

■ 29.0191, 31.3754,
47.1749

■ 18.9010, 20.3346,
45.5771

■ 33.5243, 35.9529,
47.8210

■ 16.5623, 17.4892,
45.1511

■ 38.6392, 41.0069,
48.5269

■ 14.6834, 15.0256,
44.7746

■ 44.3875, 46.5530,
49.2945

■ 13.2225, 12.9183,
44.4449

■ 50.7915, 52.6056,
50.1252

■ 12.1179, 11.1315,
44.1582

■ 57.8724, 59.1786,
51.0207

■ 11.8640, 10.7092,
44.0901

■ 65.6503, 66.2854,
51.9825

■ 74.0695, 73.9001,
53.0086

■ 76.3966, 78.5543,
53.7843

Harmonies

Analogous

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



22.8101, 27.2572, 42.5159



25.0977, 27.2572, 46.5862



27.7622, 27.2572, 45.5631

Triad

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



25.0977, 27.2572, 46.5862



30.9819, 27.2572, 24.7844



22.1479, 27.2572, 21.3573

Complementary

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



25.0977, 27.2572, 46.5862



31.6411, 31.0050, 19.6471

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.



24.1366, 27.2572, 17.9954



25.0977, 27.2572, 46.5862



29.2725, 27.2572, 19.7264

Square

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



25.0977, 27.2572, 46.5862



31.2831, 27.2572, 32.0834



26.7338, 27.2572, 17.4542



21.1853, 27.2572, 27.3968

Rectangle

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



25.0977, 27.2572, 46.5862



29.3889, 27.2572, 42.1896



26.7338, 27.2572, 17.4542



22.7119, 27.2572, 19.9231

Sweetspot

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



25.0986, 27.2583, 46.5868



65.6285, 69.9388, 86.4217



27.8664, 37.7109, 32.3505



14.2671, 15.2257, 19.1091



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



25.0986, 27.2583, 46.5868



39.8652, 43.2824, 82.6344



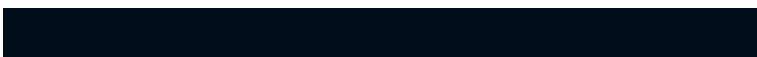
20.7378, 18.5367, 45.1332



8.3865, 8.9192, 10.7859



8.4489, 7.6981, 31.1776



0.3241, 0.3587, 1.0004

Inverse Universe

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



29.5737, 23.2483, 30.1239



49.2670, 35.8261, 47.8298



37.4128, 42.5485, 21.5710



8.6703, 8.5748, 9.7621



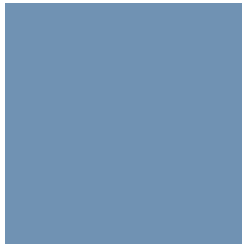
14.4992, 7.3173, 7.7890



0.4856, 0.2420, 0.3999

Previews

White Background



This preview shows how the XYZ color 25.0977, 27.2572, 46.5862 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 25.0977, 27.2572, 46.5862 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

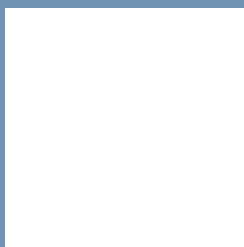
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.0977, 27.2572, 46.5862

Background



This preview shows how black text looks on a background with the XYZ color 25.0977, 27.2572, 46.5862.



This preview shows how white text looks on a background with the XYZ color 25.0977, 27.2572,

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

25.0977, 27.2572, 46.5862

Protanopia

27.0943, 27.2132, 44.3821

Deuteranopia

27.6242, 26.9948, 46.9346



Tritanopia

23.3648, 27.2562, 37.7477

Trichromacy



Original Color

25.0977, 27.2572, 46.5862

Protanomaly

26.2631, 27.2151, 44.9431

Deuteranomaly

26.6636, 27.1533, 47.0158

Tritanomaly

23.9645, 27.2582, 41.0441

Monochromacy



Original Color

25.0977, 27.2572, 46.5862

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

24.7117, 26.4249, 34.3699

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.0977, 27.2572, 46.5862 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(112, 146, 179)` looks like.

```
.text, #text, p{  
    color:rgb(112, 146, 179)  
}
```

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(112, 146, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 146, 179) }
```

Border

The CSS property to change the border of an element to XYZ 25.0977, 27.2572, 46.5862 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(112, 146, 179) }
```


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

```
.border{ border-color:rgb(112, 146, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 146, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 146, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 146, 179);  
box-shadow:4px 4px 4px 4px rgb(112, 146,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 25.0977, 27.2572, 46.5862 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 146, 179) }
```

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

```
.background{ background-color: rgb(112,  
146, 179) }
```

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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