

Converting Colors

XYZ(25.5770, 28.3271, 51.6966)

Have a look what the booklet for
XYZ(25.5770, 28.3271, 51.6966)
contains.

XYZ(25.5770, 28.3271, 51.6966)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(25.5770, 28.3271,
51.6966)**

Conversions

Conversions Part 1

Format	Color
Hex	6796BC
RGB	103, 150, 188
RGB Percent	40%, 59%, 74%
CMY	0.5961, 0.4118, 0.2627
CMYK	0.45, 0.20, 0.00, 0.26
HSL	207°, 39%, 57%
HSV	207°, 45%, 74%
XYZ	25.5770, 28.3271, 51.6966
YIQ	140.2790, -40.2100, 1.8540

Conversions

Conversions Part 2

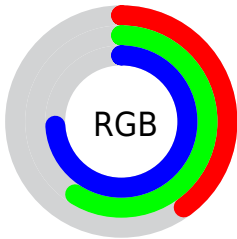
Format	Color
R_{YB}	103, 133, 188
Decimal	6788796
CIE _{Lab}	60.18, -5.57, -24.68
CIE _{LCh}	60, 25.297, 257.279
Yxy	28.3271, 0.2422, 0.2682
Android (android.graphics.Color)	4284978876 (0xFF6796BC)
YUV	140.2790, 23.5265, -32.6937
Hunter-Lab	53.2232, -7.3605, -20.3331

Details

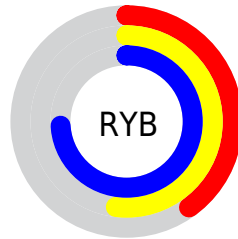
The XYZ color **25.5770, 28.3271, 51.6966** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **32.7129, 30.7214, 17.0387**, and the grayscale version is **24.9591, 26.2589, 28.5960**.

A 20% lighter version of the original color is **52.0226, 56.9865, 93.8456**, and **10.0539, 11.3013, 24.5731** is the 20% darker color. If you saturate the color by 10%, you get **22.3649, 24.7516, 51.1763**, and if you desaturate by 10%, it is **29.3720, 32.3470, 52.2730**.

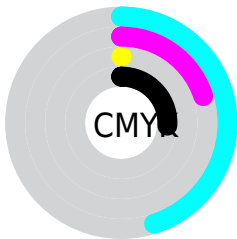
Distribution



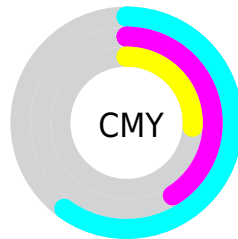
- Red (40%)
- Green (59%)
- Blue (74%)



- Red (40%)
- Yellow (52%)
- Blue (74%)



- Cyan (45%)
- Magenta (20%)
- Yellow (0%)
- Black (26%)



- Cyan (60%)
- Magenta (41%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.5770, 28.3271, 51.6966 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 25.5770, 28.3271, 51.6966 by changing the saturation by 10% instead.

■ 25.5770, 28.3271,
51.6966

■ 25.5770, 28.3271,
51.6966

272.9943,
294.0266, 410.1878

■ 16.6385, 18.5724,
36.3827

■ 52.0279, 57.0062,
94.1057

■ 10.0708, 11.3617,
24.4379

■ 70.2711, 76.6995,
122.0379

■ 5.5085, 6.3107,
15.4436

■ 92.3464, 100.4743,
155.0134

■ 2.5864, 3.0349,
8.9812

■ 118.6194,
128.7152, 193.4506

■ 0.9390, 1.1500,
4.6323

149.4553,
161.8064, 237.7681

■ 0.0000, 0.0203,
1.9782

185.2195,

■ 0.0000, 0.0000,

200.1325, 288.3844

0.5418

226.2774,
244.0778, 345.7181

■ 0.0000, 0.0000,
0.0000

■ 25.5770, 28.3271,
51.6966

■ 25.5770, 28.3271,
51.6966

■ 22.3649, 24.7516,
51.1763

■ 29.3720, 32.3470,
52.2730

■ 19.6980, 21.5965,
50.7078

■ 33.7788, 36.8275,
52.9056

■ 17.5382, 18.8395,
50.2895

■ 38.8278, 41.7876,
53.5969

■ 15.8404, 16.4544,
49.9186

■ 44.5462, 47.2440,
54.3487

■ 14.5502, 14.4096,
49.5920

■ 50.9597, 53.2126,
55.1627

■ 14.0229, 13.5222,
49.4485

■ 58.0926, 59.7085,
56.0406

■ 65.9679, 66.7461,
56.9839

■ 74.6076, 74.3393,
57.9942

■ 77.4171, 79.0907,
58.7632

Harmonies

Analogous

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



22.9194, 28.3271, 45.8753



25.5770, 28.3271, 51.6966



28.8149, 28.3271, 51.1807

Triad

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



25.5770, 28.3271, 51.6966



33.3134, 28.3271, 25.8472



22.6065, 28.3271, 20.2644

Complementary

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



25.5770, 28.3271, 51.6966



32.7129, 30.7214, 17.0387

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.



25.1178, 28.3271, 16.7646



25.5770, 28.3271, 51.6966



31.3700, 28.3271, 19.5163

Square

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



25.5770, 28.3271, 51.6966



33.4613, 28.3271, 34.9362



28.3176, 28.3271, 16.5215



21.2991, 28.3271, 27.0834

Rectangle

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



25.5770, 28.3271, 51.6966



30.8716, 28.3271, 47.3069



28.3176, 28.3271, 16.5215



23.3283, 28.3271, 18.7257

Sweetspot

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



25.5779, 28.3282, 51.6973



71.3317, 76.6634, 97.2641



28.2990, 40.7393, 31.1196



14.8871, 16.0481, 20.8555



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



25.5779, 28.3282, 51.6973



40.7069, 45.0577, 92.7777



20.1048, 17.3818, 49.8729



9.4420, 10.0764, 12.1195



9.6225, 9.3567, 33.6918



0.4413, 0.4953, 1.3412

Inverse Universe

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



31.0952, 22.5949, 31.5776



52.2793, 34.6320, 50.2180



39.9842, 45.2639, 19.4625



9.7450, 9.6223, 11.0460



15.8578, 7.9743, 9.8105



0.6537, 0.3254, 0.5554

Previews

White Background



This preview shows how the XYZ color 25.5770, 28.3271, 51.6966 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 25.5770, 28.3271, 51.6966 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

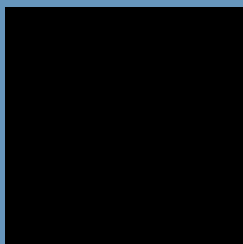
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

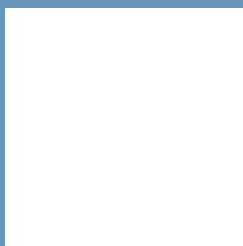
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.5770, 28.3271, 51.6966

Background



This preview shows how black text looks on a background with the XYZ color 25.5770, 28.3271, 51.6966.

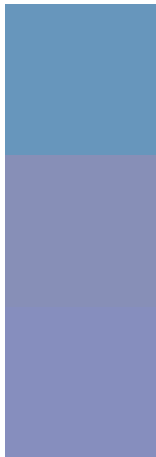


This preview shows how white text looks on a background with the XYZ color 25.5770, 28.3271,

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

25.5770, 28.3271, 51.6966

Protanopia

28.3614, 28.2147, 48.7509

Deuteranopia

28.7988, 28.1320, 52.6274



Tritanopia

23.3683, 28.4058, 40.3276

Trichromacy



Original Color

25.5770, 28.3271, 51.6966

Protanomaly

27.2042, 28.2715, 49.9221

Deuteranomaly

27.4791, 28.1359, 52.1266

Tritanomaly

24.1768, 28.4911, 44.2695

Monochromacy



Original Color

25.5770, 28.3271, 51.6966

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

24.8115, 26.8929, 35.7814

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.5770, 28.3271, 51.6966 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(103, 150, 188)` looks like.

```
.text, #text, p{  
    color:rgb(103, 150, 188)  
}
```

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(103, 150, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 150, 188) }
```

Border

The CSS property to change the border of an element to XYZ 25.5770, 28.3271, 51.6966 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(103, 150, 188) }
```


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

```
.border{ border-color:rgb(103, 150, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 150, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 150, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 150, 188);  
box-shadow:4px 4px 4px 4px rgb(103, 150,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 25.5770, 28.3271, 51.6966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 150, 188) }
```

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

```
.background{ background-color: rgb(103,  
150, 188) }
```

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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