

Converting Colors

XYZ(25.4750, 28.1233, 50.9899)

Have a look what the booklet for
XYZ(25.4750, 28.1233, 50.9899)
contains.

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Color

**XYZ(25.4260, 28.0258,
51.0831)**

Conversions

Conversions Part 1

Format	Color
Hex	6895BB
RGB	104, 149, 187
RGB Percent	41%, 58%, 73%
CMY	0.5921, 0.4157, 0.2667
CMYK	0.44, 0.20, 0.00, 0.27
HSL	207°, 38%, 57%
HSV	207°, 44%, 73%
XYZ	25.4260, 28.0258, 51.0831
YIQ	139.8770, -39.0180, 2.2780

Conversions

Conversions Part 2

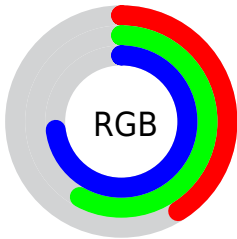
Format	Color
RYB	104, 133, 187
Decimal	6854075
CIELab	59.91, -5.04, -24.52
CIELCh	60, 25.036, 258.390
Yxy	28.0258, 0.2432, 0.2681
Android (android.graphics.Color)	4285044155 (0xFF6895BB)
YUV	139.8770, 23.2316, -31.4641
Hunter-Lab	52.9394, -6.9131, -20.1534

Details

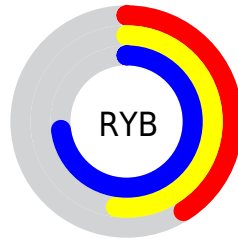
The XYZ color **25.4260, 28.0258, 51.0831** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **32.6659, 30.9111, 17.3424**, and the grayscale version is **24.8039, 26.0956, 28.4181**.

A 20% lighter version of the original color is **51.8317, 56.5539, 92.9782**, and **9.9862, 11.1347, 24.1771** is the 20% darker color. If you saturate the color by 10%, you get **22.1863, 24.4188, 50.5581**, and if you desaturate by 10%, it is **29.2484, 32.0822, 51.6651**.

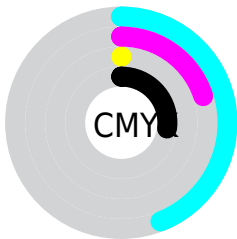
Distribution



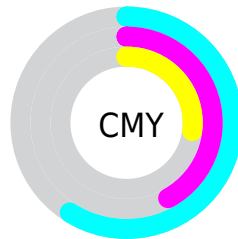
- Red (41%)
- Green (58%)
- Blue (73%)



- Red (41%)
- Yellow (52%)
- Blue (73%)



- Cyan (44%)
- Magenta (20%)
- Yellow (0%)
- Black (27%)



- Cyan (59%)
- Magenta (42%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.4260, 28.0258, 51.0831 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 25.4260, 28.0258, 51.0831 by changing the saturation by 10% instead.

■ 25.4260, 28.0258,
51.0831

■ 25.4260, 28.0258,
51.0831

272.2615,
292.5902, 407.7423

■ 16.5251, 18.3451,
35.8976

■ 51.7854, 56.5256,
93.1904

■ 9.9897, 11.1980,
24.0660

■ 69.9747, 76.1136,
120.9492

■ 5.4544, 6.2002,
15.1700

■ 91.9908, 99.7727,
153.7361

■ 2.5537, 2.9672,
8.7908

■ 118.1991,
127.8874, 191.9698

■ 0.9224, 1.1146,
4.5100

148.9650,
160.8421, 236.0687

■ 0.0000, 0.0000,
1.9091

184.6538,

■ 0.0000, 0.0000,

199.0212, 286.4514

0.4985

225.6308,
242.8091, 343.5364

■ 0.0000, 0.0000,
0.0000

■ 25.4260, 28.0258,
51.0831

■ 25.4260, 28.0258,
51.0831

■ 22.1863, 24.4188,
50.5581

■ 29.2484, 32.0822,
51.6651

■ 19.4923, 21.2371,
50.0860

■ 33.6821, 36.6041,
52.3042

■ 17.3066, 18.4589,
49.6650

■ 38.7568, 41.6103,
53.0031

■ 15.5852, 16.0582,
49.2923

■ 44.4996, 47.1177,
53.7634

■ 14.2755, 14.0041,
48.9648

■ 50.9358, 53.1421,
54.5870

■ 13.6611, 12.9706,
48.7977

■ 58.0893, 59.6985,
55.4755

■ 65.9830, 66.8015,
56.4305

■ 74.6384, 74.4648,
57.4535

■ 77.4211, 79.2706,
58.2344

Harmonies

Analogous

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



22.7801, 28.0258, 45.5700



25.4260, 28.0258, 51.0831



28.6136, 28.0258, 50.3311

Triad

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



25.4260, 28.0258, 51.0831



32.8714, 28.0258, 25.3175



22.3226, 28.0258, 20.3014

Complementary

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



25.4260, 28.0258, 51.0831



32.6659, 30.9111, 17.3424

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.



24.7549, 28.0258, 16.7320



25.4260, 28.0258, 51.0831



30.9078, 28.0258, 19.2057

Square

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



25.4260, 28.0258, 51.0831



33.0871, 28.0258, 34.1769



27.8873, 28.0258, 16.3755



21.0860, 28.0258, 27.1251

Rectangle

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



25.4260, 28.0258, 51.0831



30.6181, 28.0258, 46.4014



27.8873, 28.0258, 16.3755



23.0181, 28.0258, 18.7449

Sweetspot

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



25.4269, 28.0269, 51.0838



70.5563, 75.6333, 95.0814



28.3138, 40.4179, 31.6461



15.0638, 16.1951, 20.8746



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.



25.4269, 28.0269, 51.0838



40.0158, 44.0542, 90.5957



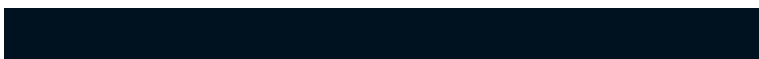
20.0579, 17.2887, 49.2941



9.4335, 10.0592, 12.1166



9.4855, 9.0826, 33.6461



0.4362, 0.4851, 1.3395

Inverse Universe

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



30.8694, 22.6363, 31.1771



51.3012, 34.3625, 48.9846



39.8954, 45.3700, 19.7523



9.7406, 9.6206, 11.0232



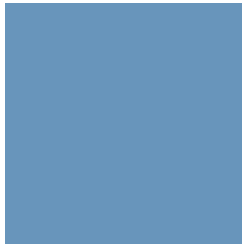
15.7886, 7.9466, 9.4462



0.6511, 0.3243, 0.5420

Previews

White Background



This preview shows how the XYZ color 25.4260, 28.0258, 51.0831 looks on a white background.

Color Contrast Check

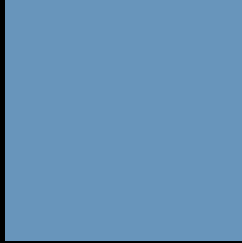
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.4260, 28.0258, 51.0831 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

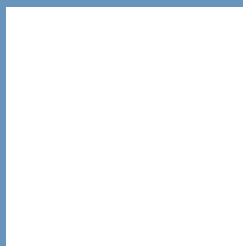
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.4260, 28.0258, 51.0831

Background



This preview shows how black text looks on a background with the XYZ color 25.4260, 28.0258, 51.0831.

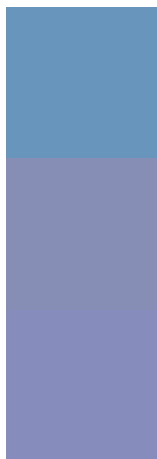


This preview shows how white text looks on a background with the XYZ color 25.4260, 28.0258,

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

25.4260, 28.0258, 51.0831

Protanopia

27.9480, 27.7917, 48.1473

Deuteranopia

28.5417, 27.7922, 52.0042



Tritanopia

23.2198, 28.0957, 39.7965

Trichromacy



Original Color

25.4260, 28.0258, 51.0831

Protanomaly

26.9455, 27.9224, 49.3168

Deuteranomaly

27.2187, 27.7883, 51.5061

Tritanomaly

24.0266, 28.1829, 43.7087

Monochromacy



Original Color

25.4260, 28.0258, 51.0831

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

24.6607, 26.5913, 35.7312

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.4260, 28.0258, 51.0831 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(104, 149, 187)` looks like.

```
.text, #text, p{  
    color:rgb(104, 149, 187)  
}
```

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(104, 149, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 149, 187) }
```

Border

The CSS property to change the border of an element to XYZ 25.4260, 28.0258, 51.0831 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(104, 149, 187) }
```


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

```
.border{ border-color:rgb(104, 149, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 149, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 149, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 149, 187);  
box-shadow:4px 4px 4px 4px rgb(104, 149,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 25.4260, 28.0258, 51.0831 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 149, 187) }
```

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

```
.background{ background-color: rgb(104,  
149, 187) }
```

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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