

Converting Colors

XYZ(25.6524, 31.6209, 52.7684)

Have a look what the booklet for
XYZ(25.6524, 31.6209, 52.7684)
contains.

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Color

**XYZ(25.6758, 31.6178,
52.8937)**

Conversions

Conversions Part 1

Format	Color
Hex	51A3BD
RGB	81, 163, 189
RGB Percent	32%, 64%, 74%
CMY	0.6823, 0.3608, 0.2588
CMYK	0.57, 0.14, 0.00, 0.26
HSL	194°, 45%, 53%
HSV	194°, 57%, 74%
XYZ	25.6758, 31.6178, 52.8937
YIQ	141.4460, -57.2180, -9.2980

Conversions

Conversions Part 2

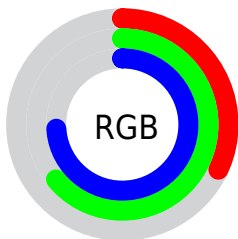
Format	Color
R_{YB}	81, 128, 189
Decimal	5350333
CIE _{Lab}	63.03, -17.41, -20.97
CIE _{LCh}	63, 27.254, 230.303
Yxy	31.6178, 0.2330, 0.2869
Android (android.graphics.Color)	4283540413 (0xFF51A3BD)
YUV	141.4460, 23.4441, -53.0111
Hunter-Lab	56.2297, -16.8947, -16.4116

Details

The XYZ color **25.6758, 31.6178, 52.8937** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **27.7300, 21.9292, 10.5568**, and the grayscale version is **25.4203, 26.7442, 29.1244**.

A 20% lighter version of the original color is **52.2003, 62.2243, 95.6455**, and **10.1284, 13.1465, 25.2962** is the 20% darker color. If you saturate the color by 10%, you get **23.4828, 29.3101, 52.5644**, and if you desaturate by 10%, it is **28.3506, 34.2184, 53.2553**.

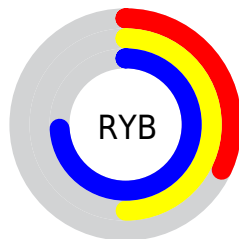
Distribution



Red (32%)

Green (64%)

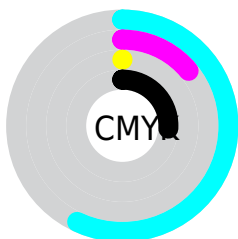
Blue (74%)



Red (32%)

Yellow (50%)

Blue (74%)

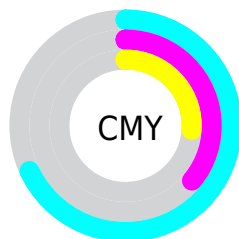


Cyan (57%)

Magenta (14%)

Yellow (0%)

Black (26%)



Cyan (68%)

Magenta (36%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.6758, 31.6178, 52.8937 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 25.6758, 31.6178, 52.8937 by changing the saturation by 10% instead.

■ 25.6758, 31.6178,
52.8937

■ 25.6758, 31.6178,
52.8937

273.4729,
309.3745, 414.9319

■ 16.7127, 21.0697,
37.3308

■ 52.1865, 62.2114,
95.8879

■ 10.1239, 13.1750,
25.1659

■ 70.4648, 83.0258,
124.1562

■ 5.5441, 7.5492,
15.9806

■ 92.5788, 108.0311,
157.4968

■ 2.6079, 3.8078,
9.3562

■ 118.8940,
137.6116, 196.3281

■ 0.9500, 1.5667,
4.8743

149.7756,
172.1518, 241.0688

■ 0.0000, 0.3350,
2.1162

185.5891,

■ 0.0000, 0.0000,

212.0361, 292.1372

0.6254

226.6997,
257.6489, 349.9521

■ 0.0000, 0.0000,
0.0000

■ 25.6758, 31.6178,
52.8937

■ 25.6758, 31.6178,
52.8937

■ 23.4828, 29.3101,
52.5644

■ 28.3506, 34.2184,
53.2553

■ 21.7298, 27.2712,
52.2633

■ 31.5385, 37.1264,
53.6485

■ 20.3727, 25.4788,
51.9888

■ 35.2715, 40.3594,
54.0758

■ 19.3483, 23.8996,
51.7380

■ 39.5782, 43.9327,
54.5386

■ 19.0833, 23.4700,
51.6691

■ 44.4850, 47.8602,
55.0380

■ 50.0168, 52.1552,
55.5755

■ 56.1967, 56.8300,
56.1521

■ 63.0470, 61.8965,
56.7690

■ 70.5887, 67.3660,
57.4272

Harmonies

Analogous

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



23.7815, 31.6178, 42.1036



25.6758, 31.6178, 52.8937



28.8530, 31.6178, 59.0688

Triad

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



25.6758, 31.6178, 52.8937



37.7376, 31.6178, 38.0248



27.6177, 31.6178, 18.4587

Complementary

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



25.6758, 31.6178, 52.8937



27.7300, 21.9292, 10.5568

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.



31.2833, 31.6178, 17.8141



25.6758, 31.6178, 52.8937



37.3374, 31.6178, 27.7443

Square

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



25.6758, 31.6178, 52.8937



35.9507, 31.6178, 49.3794



34.8987, 31.6178, 20.8519



24.8362, 31.6178, 22.8452

Rectangle

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



25.6758, 31.6178, 52.8937



31.3604, 31.6178, 59.0145



34.8987, 31.6178, 20.8519



28.7800, 31.6178, 17.8386

Sweetspot

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



25.6768, 31.6190, 52.8945



70.7755, 78.5943, 97.6662



24.2037, 39.1900, 19.9802



14.8700, 16.6152, 20.9659



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.



25.6768, 31.6190, 52.8945



41.0479, 51.3630, 93.9768



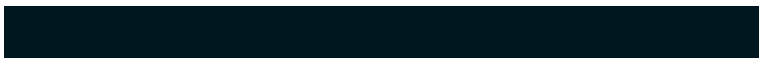
18.1340, 16.5333, 50.3802



9.6087, 10.4097, 12.1750



12.9014, 15.9145, 34.7847



0.5531, 0.7189, 1.3785

Inverse Universe

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



30.5404, 19.3490, 36.7766



51.0787, 28.8962, 60.0981



35.0778, 36.6248, 13.0061



9.8291, 9.6559, 11.4890



17.5128, 8.6363, 18.5258



0.7101, 0.3479, 0.8527

Previews

White Background



This preview shows how the XYZ color 25.6758, 31.6178, 52.8937 looks on a white background.

Color Contrast Check

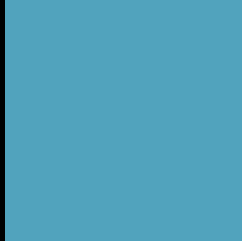
Large Text (above 18pt) WCAG AA × Fail

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 25.6758, 31.6178, 52.8937 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

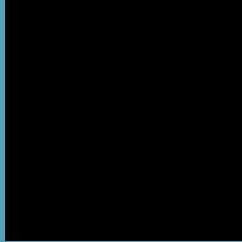
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 25.6758, 31.6178, 52.8937

Background



This preview shows how black text looks on a background with the XYZ color 25.6758, 31.6178, 52.8937.

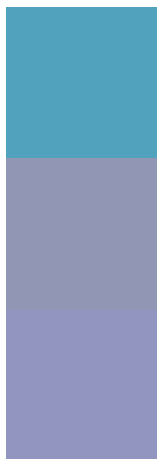


This preview shows how white text looks on a background with the XYZ color 25.6758, 31.6178,

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

25.6758, 31.6178, 52.8937

Protanopia

30.8216, 31.1277, 47.5638

Deuteranopia

31.9389, 31.3204, 54.2313



Tritanopia

24.5516, 31.7024, 46.9447

Trichromacy



Original Color

25.6758, 31.6178, 52.8937

Protanomaly

28.2946, 30.9992, 49.2919

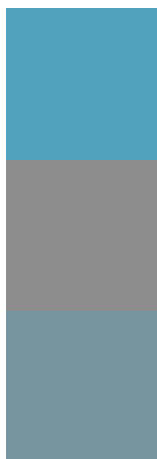
Deuteranomaly

28.9856, 31.0104, 53.7481

Tritanomaly

24.8608, 31.5480, 49.0350

Monochromacy



Original Color

25.6758, 31.6178, 52.8937

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

24.5268, 27.8855, 36.4375

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.6758, 31.6178, 52.8937 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(81, 163, 189)` looks like.

```
.text, #text, p{  
    color:rgb(81, 163, 189)  
}
```

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(81, 163, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 163, 189) }
```

Border

The CSS property to change the border of an element to XYZ 25.6758, 31.6178, 52.8937 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(81, 163, 189) }
```


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

```
.border{ border-color:rgb(81, 163, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 163, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 163, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 163, 189);  
box-shadow:4px 4px 4px 4px rgb(81, 163,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 25.6758, 31.6178, 52.8937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 163, 189) }
```

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

```
.background{ background-color: rgb(81, 163,  
189) }
```

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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