

Converting Colors

XYZ(26.2855, 31.1807, 51.6448)

Have a look what the booklet for
XYZ(26.2855, 31.1807, 51.6448)
contains.

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Color

**XYZ(26.2598, 31.1624,
51.6446)**

Conversions

Conversions Part 1

Format	Color
Hex	5FA0BB
RGB	95, 160, 187
RGB Percent	37%, 63%, 73%
CMY	0.6274, 0.3725, 0.2667
CMYK	0.49, 0.14, 0.00, 0.27
HSL	198°, 40%, 55%
HSV	198°, 49%, 73%
XYZ	26.2598, 31.1624, 51.6446
YIQ	143.6430, -47.4070, -5.3830

Conversions

Conversions Part 2

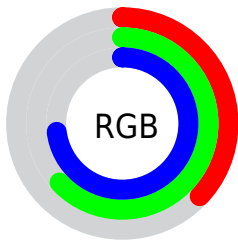
Format	Color
RYB	95, 133, 187
Decimal	6267067
CIELab	62.64, -13.33, -20.38
CIElCh	63, 24.353, 236.807
Yxy	31.1624, 0.2408, 0.2857
Android (android.graphics.Color)	4284457147 (0xFF5FA0BB)
YUV	143.6430, 21.3750, -42.6599
Hunter-Lab	55.8233, -13.7227, -15.7755

Details

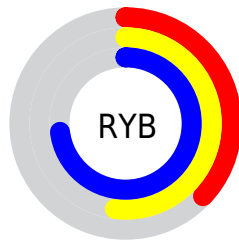
The XYZ color **26.2598, 31.1624, 51.6446** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **29.5194, 25.3110, 14.1572**, and the grayscale version is **26.2972, 27.6667, 30.1291**.

A 20% lighter version of the original color is **53.2406, 61.6513, 93.8878**, and **10.3932, 12.8214, 24.4813** is the 20% darker color. If you saturate the color by 10%, you get **23.6152, 28.4184, 51.2549**, and if you desaturate by 10%, it is **29.4146, 34.2331, 52.0716**.

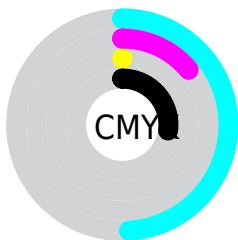
Distribution



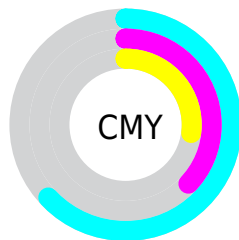
- Red (37%)
- Green (63%)
- Blue (73%)



- Red (37%)
- Yellow (52%)
- Blue (73%)



- Cyan (49%)
- Magenta (14%)
- Yellow (0%)
- Black (27%)



- Cyan (63%)
- Magenta (37%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.2598, 31.1624, 51.6446 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 26.2598, 31.1624, 51.6446 by changing the saturation by 10% instead.

■ 26.2598, 31.1624,
51.6446

■ 26.2598, 31.1624,
51.6446

276.2885,
307.2858, 409.9809

■ 17.1518, 20.7225,
36.3416

■ 53.1221, 61.4957,
94.0281

■ 10.4388, 12.9213,
24.4063

■ 71.6071, 82.1579,
121.9457

■ 5.7553, 7.3744,
15.4203

■ 93.9485, 106.9963,
154.9052

■ 2.7361, 3.6973,
8.9650

■ 120.5116,
136.3954, 193.3252

■ 1.0158, 1.5057,
4.6219

151.6618,
170.7394, 237.6243

■ 0.0000, 0.2928,
1.9723

187.7644,

■ 0.0000, 0.0000,

210.4129, 288.2209

0.5382

229.1849,
255.8003, 345.5335

■ 0.0000, 0.0000,
0.0000

■ 26.2598, 31.1624,
51.6446

■ 26.2598, 31.1624,
51.6446

■ 23.6152, 28.4184,
51.2549

■ 29.4146, 34.2331,
52.0716

■ 21.4434, 25.9790,
50.8985

■ 33.1077, 37.6438,
52.5353

■ 19.7064, 23.8245,
50.5742

■ 37.3687, 41.4112,
53.0379

■ 18.3582, 21.9303,
50.2797

■ 42.2238, 45.5494,
53.5808

■ 17.3164, 20.2532,
50.0109

■ 47.6977, 50.0722,
54.1652

■ 17.2375, 20.1234,
49.9900

■ 53.8138, 54.9920,
54.7925

■ 60.5939, 60.3210,
55.4637

■ 68.0589, 66.0706,
56.1801

■ 73.1070, 70.6425,
56.7965

Harmonies

Analogous

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



24.2788, 31.1624, 42.8617



26.2598, 31.1624, 51.6446



29.2648, 31.1624, 55.6537

Triad

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



26.2598, 31.1624, 51.6446



36.4608, 31.1624, 34.9590



26.8322, 31.1624, 20.0890

Complementary

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



26.2598, 31.1624, 51.6446



29.5194, 25.3110, 14.1572

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.



29.9759, 31.1624, 18.7543



26.2598, 31.1624, 51.6446



35.6897, 31.1624, 26.3352

Square

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



26.2598, 31.1624, 51.6446



35.2886, 31.1624, 44.9557



33.2530, 31.1624, 20.8155



24.5916, 31.1624, 24.8736

Rectangle

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



26.2598, 31.1624, 51.6446



31.5034, 31.1624, 54.6135



33.2530, 31.1624, 20.8155



27.8111, 31.1624, 19.2658

Sweetspot

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



26.2608, 31.1636, 51.6453



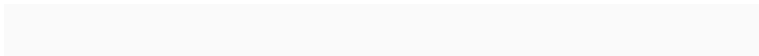
70.2341, 77.0155, 95.3652



25.9458, 39.3564, 24.3408



15.0718, 16.6211, 20.9564



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.



26.2608, 31.1636, 51.6453



41.9705, 50.5466, 91.7458



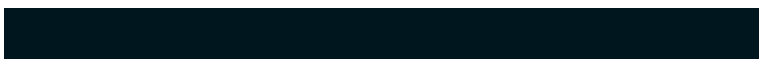
19.8131, 18.2682, 49.4961



9.5657, 10.3237, 12.1607



11.9415, 13.9948, 34.4648



0.5218, 0.6562, 1.3680

Inverse Universe

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



30.9318, 21.2883, 35.7377



51.6573, 32.0908, 58.3021



36.3908, 39.0537, 16.4477



9.8074, 9.6473, 11.3747



17.0283, 8.4425, 15.9745



0.6943, 0.3416, 0.7693

Previews

White Background



This preview shows how the XYZ color 26.2598, 31.1624, 51.6446 looks on a white background.

Color Contrast Check

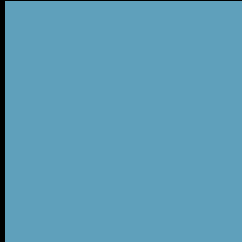
Large Text (above 18pt) WCAG AA × Fail

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 26.2598, 31.1624, 51.6446 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

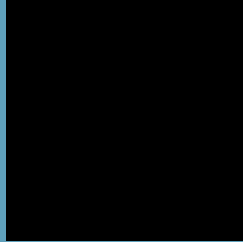
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 26.2598, 31.1624, 51.6446

Background



This preview shows how black text looks on a background with the XYZ color 26.2598, 31.1624, 51.6446.



This preview shows how white text looks on a background with the XYZ color 26.2598, 31.1624,

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

26.2598, 31.1624, 51.6446

Protanopia

30.4873, 30.7195, 47.5026

Deuteranopia

31.5612, 30.9173, 53.0194



Tritanopia

24.9726, 31.1600, 45.2557

Trichromacy



Original Color

26.2598, 31.1624, 51.6446

Protanomaly

28.5427, 30.6370, 49.2089

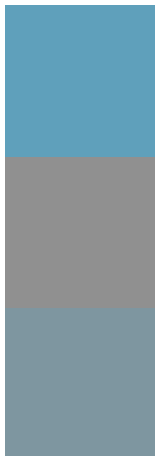
Deuteranomaly

29.1659, 30.6426, 52.5215

Tritanomaly

25.2952, 31.0197, 47.3020

Monochromacy



Original Color

26.2598, 31.1624, 51.6446

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

25.8557, 28.7864, 37.4513

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.2598, 31.1624, 51.6446 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(95, 160, 187)` looks like.

```
.text, #text, p{  
    color:rgb(95, 160, 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(95, 160, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 160, 187) }
```

Border

The CSS property to change the border of an element to XYZ 26.2598, 31.1624, 51.6446 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(95, 160, 187) }
```


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

```
.border{ border-color:rgb(95, 160, 187) }
```

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

Here you see how a box with a 4 pixel rgb(95, 160, 187) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 160, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 160, 187);  
box-shadow:4px 4px 4px 4px rgb(95, 160,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 26.2598, 31.1624, 51.6446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 160, 187) }
```

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

```
.background{ background-color: rgb(95, 160,  
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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