

Converting Colors

XYZ(26.5078, 28.9044, 53.6210)

Have a look what the booklet for
XYZ(26.5078, 28.9044, 53.6210)
contains.

XYZ(26.5340, 29.0206, 53.4933)	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(26.5340, 29.0206,
53.4933)**

Conversions

Conversions Part 1

Format	Color
Hex	6B97BF
RGB	107, 151, 191
RGB Percent	42%, 59%, 75%
CMY	0.5804, 0.4078, 0.2510
CMYK	0.44, 0.21, 0.00, 0.25
HSL	209°, 40%, 58%
HSV	209°, 44%, 75%
XYZ	26.5340, 29.0206, 53.4933
YIQ	142.4040, -39.0640, 3.1120

Conversions

Conversions Part 2

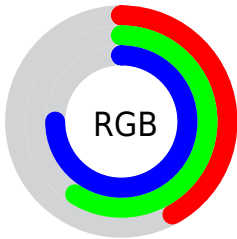
Format	Color
RYB	107, 136, 191
Decimal	7051199
CIELab	60.80, -4.25, -25.40
CIElCh	61, 25.753, 260.497
Yxy	29.0206, 0.2433, 0.2661
Android (android.graphics.Color)	4285241279 (0xFF6B97BF)
YUV	142.4040, 23.9578, -31.0493
Hunter-Lab	53.8708, -6.3538, -21.1650

Details

The XYZ color **26.5340, 29.0206, 53.4933** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **34.5742, 33.0063, 18.4596**, and the grayscale version is **25.7911, 27.1342, 29.5492**.

A 20% lighter version of the original color is **53.5201, 58.0594, 96.3815**, and **10.5407, 11.6774, 25.3653** is the 20% darker color. If you saturate the color by 10%, you get **23.0787, 25.1501, 52.9289**, and if you desaturate by 10%, it is **30.6114, 33.3807, 54.1205**.

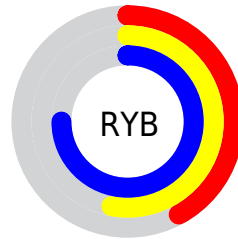
Distribution



Red (42%)

Green (59%)

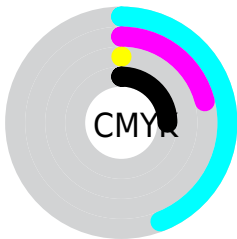
Blue (75%)



Red (42%)

Yellow (53%)

Blue (75%)

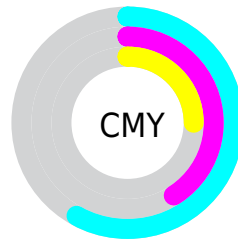


Cyan (44%)

Magenta (21%)

Yellow (0%)

Black (25%)



Cyan (58%)

Magenta (41%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.5340, 29.0206, 53.4933 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 26.5340, 29.0206, 53.4933 by changing the saturation by 10% instead.

■ 26.5340, 29.0206,
53.4933

■ 26.5340, 29.0206,
53.4933

277.6026,
297.3121, 417.2947

■ 17.3583, 19.0964,
37.8063

■ 53.5604, 58.1098,
96.7787

■ 10.5872, 11.7400,
25.5317

■ 72.1418, 78.0436,
125.2143

■ 5.8552, 6.5669,
16.2510

■ 94.5891, 102.0828,
158.7364

■ 2.7971, 3.1927,
9.5457

■ 121.2678,
130.6116, 197.7636

■ 1.0474, 1.2332,
4.9971

152.5431,
164.0146, 242.7145

■ 0.0000, 0.0885,
2.1869

188.7804,

■ 0.0000, 0.0000,

202.6761, 294.0077

0.6668

230.3451,
246.9805, 352.0615

■ 0.0000, 0.0000,
0.0000

■ 26.5340, 29.0206,
53.4933

■ 26.5340, 29.0206,
53.4933

■ 23.0787, 25.1501,
52.9289

■ 30.6114, 33.3807,
54.1205

■ 20.2062, 21.7433,
52.4227

■ 35.3410, 38.2477,
54.8107

■ 17.8771, 18.7766,
51.9728

■ 40.7546, 43.6422,
55.5666

■ 16.0449, 16.2221,
51.5763

■ 46.8806, 49.5822,
56.3902

■ 14.6542, 14.0470,
51.2298

■ 53.7460, 56.0849,
57.2835

■ 13.9659, 12.8853,
51.0418

■ 61.3762, 63.1666,
58.2483

■ 69.7952, 70.8431,
59.2863

■ 77.2365, 78.2064,
60.3153

■ 79.7433, 83.2201,
61.1509

Harmonies

Analogous

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



23.6875, 29.0206, 48.0658



26.5340, 29.0206, 53.4933



29.8994, 29.0206, 52.2051

Triad

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



26.5340, 29.0206, 53.4933



34.0633, 29.0206, 25.5723



22.9082, 29.0206, 21.2617

Complementary

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



26.5340, 29.0206, 53.4933



34.5742, 33.0063, 18.4596

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.



25.3899, 29.0206, 17.2841



26.5340, 29.0206, 53.4933



31.8842, 29.0206, 19.4008

Square

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



26.5340, 29.0206, 53.4933



34.4321, 29.0206, 34.7411



28.6597, 29.0206, 16.6797



21.7087, 29.0206, 28.6514

Rectangle

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



26.5340, 29.0206, 53.4933



31.9786, 29.0206, 47.7942



28.6597, 29.0206, 16.6797



23.6102, 29.0206, 19.5498

Sweetspot

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



26.5350, 29.0217, 53.4940



73.7913, 78.9481, 99.6284



29.8990, 42.4697, 33.8984



15.6991, 16.8399, 21.8083



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



26.5350, 29.0217, 53.4940



41.4119, 45.1336, 94.8081



21.0227, 17.9972, 51.6566



9.4189, 10.0300, 12.1118



9.2593, 8.6302, 33.5707



0.4278, 0.4683, 1.3367

Inverse Universe

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



32.3303, 23.8271, 32.1743



53.5050, 35.8870, 49.9636



42.1664, 48.1905, 20.9903



9.7333, 9.6176, 10.9844



15.6744, 7.9009, 8.8450



0.6468, 0.3226, 0.5195

Previews

White Background



This preview shows how the XYZ color 26.5340, 29.0206, 53.4933 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 26.5340, 29.0206, 53.4933 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

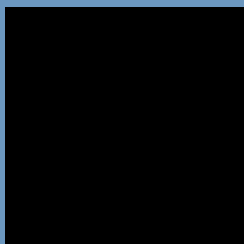
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

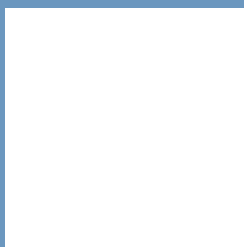
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.5340, 29.0206, 53.4933

Background



This preview shows how black text looks on a background with the XYZ color 26.5340, 29.0206, 53.4933.

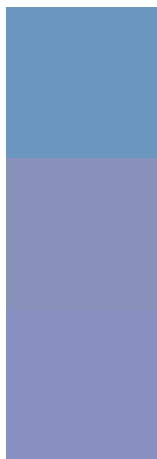


This preview shows how white text looks on a background with the XYZ color 26.5340, 29.0206,

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

26.5340, 29.0206, 53.4933

Protanopia

29.1417, 29.0302, 50.5218

Deuteranopia

29.5906, 28.9477, 54.4799



Tritanopia

24.0448, 28.9792, 41.3720

Trichromacy



Original Color

26.5340, 29.0206, 53.4933

Protanomaly

27.9683, 28.8583, 51.6731

Deuteranomaly

28.4056, 29.0332, 53.9760

Tritanomaly

24.9856, 29.1294, 45.3799

Monochromacy



Original Color

26.5340, 29.0206, 53.4933

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

25.5238, 27.4560, 37.2120

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5340, 29.0206, 53.4933 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(107, 151, 191)` looks like.

```
.text, #text, p{  
    color:rgb(107, 151, 191)  
}
```

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(107, 151, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 151, 191) }
```

Border

The CSS property to change the border of an element to XYZ 26.5340, 29.0206, 53.4933 is called "border". The border property can be set on classes, ids or directly on the HTML element.

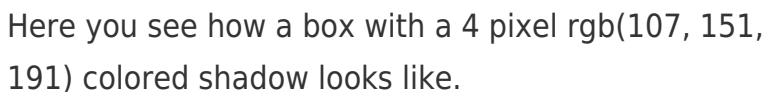
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(107, 151, 191) }
```


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

```
.border{ border-color:rgb(107, 151, 191) }
```

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



Here you see how a box with a 4 pixel `rgb(107, 151, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(107, 151, 191); -webkit-box-shadow:4px 4px 4px 4px rgb(107, 151, 191); box-shadow:4px 4px 4px 4px rgb(107, 151, 191) }
```

Background

The CSS property to change the background color of an element to XYZ 26.5340, 29.0206, 53.4933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 151, 191) }
```

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

```
.background{ background-color: rgb(107,  
151, 191) }
```

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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