

Converting Colors

XYZ(25.1185, 26.8552, 54.8986)

Have a look what the booklet for
XYZ(25.1185, 26.8552, 54.8986)
contains.

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Color

**XYZ(25.1185, 26.8552,
54.8986)**

Conversions

Conversions Part 1

Format	Color
Hex	6491C2
RGB	100, 145, 194
RGB Percent	39%, 57%, 76%
CMY	0.6078, 0.4314, 0.2392
CMYK	0.48, 0.25, 0.00, 0.24
HSL	211°, 44%, 58%
HSV	211°, 48%, 76%
XYZ	25.1185, 26.8552, 54.8986
YIQ	137.1310, -42.5490, 5.6990

Conversions

Conversions Part 2

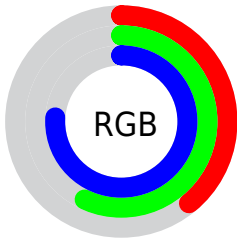
Format	Color
R_{YB}	100, 130, 194
Decimal	6590914
CIE _{Lab}	58.84, -1.72, -30.15
CIE _{LCh}	59, 30.198, 266.731
Yxy	26.8552, 0.2350, 0.2513
Android (android.graphics.Color)	4284780994 (0xFF6491C2)
YUV	137.1310, 28.0364, -32.5639
Hunter-Lab	51.8220, -4.1683, -26.5346

Details

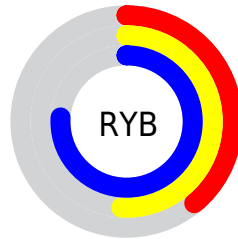
The XYZ color **25.1185, 26.8552, 54.8986** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **35.2965, 33.8851, 16.7377**, and the grayscale version is **23.7370, 24.9732, 27.1958**.

A 20% lighter version of the original color is **51.3536, 54.7804, 99.1338**, and **9.8221, 10.5915, 26.3376** is the 20% darker color. If you saturate the color by 10%, you get **21.7458, 22.9242, 54.3181**, and if you desaturate by 10%, it is **29.1415, 31.3267, 55.5502**.

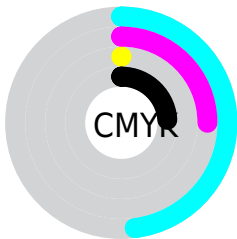
Distribution



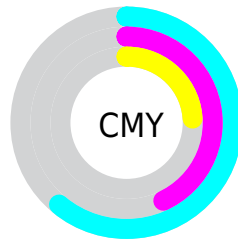
- Red (39%)
- Green (57%)
- Blue (76%)



- Red (39%)
- Yellow (51%)
- Blue (76%)



- Cyan (48%)
- Magenta (25%)
- Yellow (0%)
- Black (24%)



- Cyan (61%)
- Magenta (43%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.1185, 26.8552, 54.8986 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 25.1185, 26.8552, 54.8986 by changing the saturation by 10% instead.

■ 25.1185, 26.8552,
54.8986

■ 25.1185, 26.8552,
54.8986

270.7643,
286.9553, 422.7986

■ 16.2946, 17.4645,
38.9225

■ 51.2909, 54.6514,
98.8620

■ 9.8250, 10.5662,
26.3921

■ 69.3701, 73.8257,
127.6864

■ 5.3445, 5.7760,
16.8888

■ 91.2651, 97.0300,
161.6307

■ 2.4876, 2.7093,
9.9941

■ 117.3412,
124.6487, 201.1133

■ 0.8890, 0.9819,
5.2895

147.9638,
157.0662, 246.5529

■ 0.0000, 0.0000,
2.3564

183.4983,

■ 0.0000, 0.0000,

194.6669, 298.3679

0.7626

224.3100,
237.8351, 356.9770

■ 0.0000, 0.0000,
0.0000

■ 25.1185, 26.8552,
54.8986

■ 25.1185, 26.8552,
54.8986

■ 21.7458, 22.9242,
54.3181

■ 29.1415, 31.3267,
55.5502

■ 18.9801, 19.5045,
53.8038

■ 33.8487, 36.3598,
56.2735

■ 16.7770, 16.5682,
53.3532

■ 39.2748, 41.9777,
57.0719

■ 15.0835, 14.0823,
52.9626

■ 45.4511, 48.2013,
57.9477

■ 13.8171, 11.9981,
52.6270

■ 52.4070, 55.0504,
58.9031

■ 13.6409, 11.7015,
52.5791

■ 60.1703, 62.5439,
59.9403

■ 68.7674, 70.6996,
61.0614

■ 78.1481, 79.4959,
62.2648

■ 80.9782, 85.1560,
63.2082

Harmonies

Analogous

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



21.7912, 26.8552, 49.9833



25.1185, 26.8552, 54.8986



28.8871, 26.8552, 51.6756

Triad

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



25.1185, 26.8552, 54.8986



32.4774, 26.8552, 20.9444



19.9885, 26.8552, 19.3629

Complementary

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



25.1185, 26.8552, 54.8986



35.2965, 33.8851, 16.7377

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.



22.4346, 26.8552, 14.4707



25.1185, 26.8552, 54.8986



29.6627, 26.8552, 15.2156

Square

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



25.1185, 26.8552, 54.8986



33.3714, 26.8552, 30.4270



25.9360, 26.8552, 13.1606



19.0164, 26.8552, 28.0857

Rectangle

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



25.1185, 26.8552, 54.8986



31.1085, 26.8552, 45.6899



25.9360, 26.8552, 13.1606



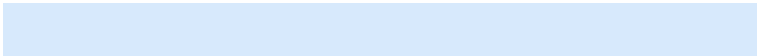
20.6532, 26.8552, 17.3059

Sweetspot

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



25.1194, 26.8562, 54.8992



74.6010, 79.5549, 103.8935



29.9384, 43.4497, 35.0623



15.8285, 16.9057, 22.6788



0.0000, 0.0000, 0.0000



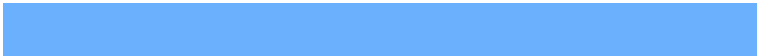
20.3446, 21.4041, 23.3091

Same Dimension

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



25.1194, 26.8562, 54.8992



39.1392, 41.2223, 98.3636



19.7261, 15.8099, 53.0513



9.9172, 10.5257, 12.7938



9.0496, 7.8557, 34.5959



0.4600, 0.4774, 1.5178

Inverse Universe

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



31.9169, 22.6289, 29.4747



53.3139, 34.2331, 44.9366



43.4407, 50.7673, 19.5670



10.2695, 10.1564, 11.5097



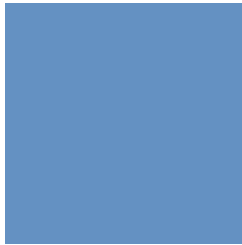
15.9638, 8.0753, 7.7213



0.7246, 0.3628, 0.5170

Previews

White Background



This preview shows how the XYZ color 25.1185, 26.8552, 54.8986 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 25.1185, 26.8552, 54.8986 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

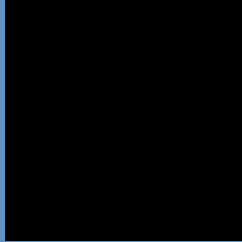
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.1185, 26.8552, 54.8986

Background



This preview shows how black text looks on a background with the XYZ color 25.1185, 26.8552, 54.8986.

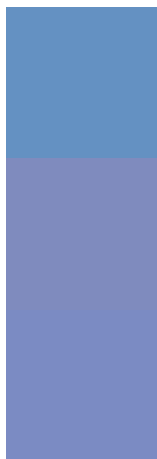


This preview shows how white text looks on a background with the XYZ color 25.1185, 26.8552,

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

25.1185, 26.8552, 54.8986

Protanopia

27.2793, 26.6950, 52.4301

Deuteranopia

27.2513, 26.6163, 55.3309



Tritanopia

21.8939, 26.9512, 38.6985

Trichromacy



Original Color

25.1185, 26.8552, 54.8986

Protanomaly

26.2650, 26.5932, 53.0389

Deuteranomaly

26.4454, 26.6347, 55.3770

Tritanomaly

23.0035, 26.9306, 44.0301

Monochromacy



Original Color

25.1185, 26.8552, 54.8986

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

23.8618, 25.5099, 36.0140

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.1185, 26.8552, 54.8986 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(100, 145, 194)` looks like.

```
.text, #text, p{  
    color:rgb(100, 145, 194)  
}
```

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(100, 145, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 145, 194) }
```

Border

The CSS property to change the border of an element to XYZ 25.1185, 26.8552, 54.8986 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(100, 145, 194) }
```


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

```
.border{ border-color:rgb(100, 145, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 145, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 145, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 145, 194);  
box-shadow:4px 4px 4px 4px rgb(100, 145,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 25.1185, 26.8552, 54.8986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 145, 194) }
```

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

```
.background{ background-color: rgb(100,  
145, 194) }
```

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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