

Converting Colors

XYZ(24.8982, 26.7233, 53.4872)

Have a look what the booklet for
XYZ(24.8982, 26.7233, 53.4872)
contains.

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Color

**XYZ(25.0067, 26.8233,
53.7286)**

Conversions

Conversions Part 1

Format	Color
Hex	6591C0
RGB	101, 145, 192
RGB Percent	40%, 57%, 75%
CMY	0.6039, 0.4314, 0.2471
CMYK	0.47, 0.24, 0.00, 0.25
HSL	211°, 42%, 57%
HSV	211°, 47%, 75%
XYZ	25.0067, 26.8233, 53.7286
YIQ	137.2020, -41.3110, 5.2890

Conversions

Conversions Part 2

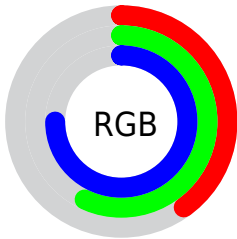
Format	Color
R_{YB}	101, 131, 192
Decimal	6656448
CIE _{Lab}	58.81, -2.07, -29.06
CIE _{LCh}	59, 29.134, 265.924
Yxy	26.8233, 0.2369, 0.2541
Android (android.graphics.Color)	4284846528 (0xFF6591C0)
YUV	137.2020, 27.0154, -31.7492
Hunter-Lab	51.7912, -4.4483, -25.2540

Details

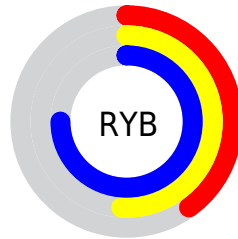
The XYZ color **25.0067, 26.8233, 53.7286** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **34.6780, 33.3270, 16.9181**, and the grayscale version is **23.7673, 25.0050, 27.2305**.

A 20% lighter version of the original color is **51.2326, 54.7543, 97.4909**, and **9.7618, 10.5773, 25.5719** is the 20% darker color. If you saturate the color by 10%, you get **21.6532, 22.9428, 53.1568**, and if you desaturate by 10%, it is **28.9965, 31.2293, 54.3692**.

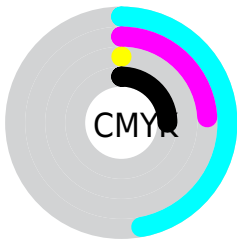
Distribution



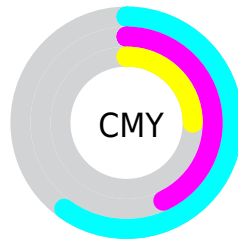
- Red (40%)
- Green (57%)
- Blue (75%)



- Red (40%)
- Yellow (51%)
- Blue (75%)



- Cyan (47%)
- Magenta (24%)
- Yellow (0%)
- Black (25%)



- Cyan (60%)
- Magenta (43%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.0067, 26.8233, 53.7286 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 25.0067, 26.8233, 53.7286 by changing the saturation by 10% instead.

■ 25.0067, 26.8233,
53.7286

■ 25.0067, 26.8233,
53.7286

270.2183,
286.8006, 418.2196

■ 16.2108, 17.4406,
37.9930

■ 51.1109, 54.6002,
97.1280

■ 9.7652, 10.5491,
25.6755

■ 69.1499, 73.7631,
125.6289

■ 5.3047, 5.7645,
16.3574

■ 91.0007, 96.9549,
159.2221

■ 2.4637, 2.7024,
9.6204

■ 117.0286,
124.5600, 198.3259

■ 0.8770, 0.9784,
5.0457

147.5989,
156.9627, 243.3591

■ 0.0000, 0.0000,
2.2149

183.0771,

■ 0.0000, 0.0000,

194.5474, 294.7400

0.6829

223.8285,
237.6986, 352.8873

■ 0.0000, 0.0000,
0.0000

■ 25.0067, 26.8233,
53.7286

■ 25.0067, 26.8233,
53.7286

■ 21.6532, 22.9428,
53.1568

■ 28.9965, 31.2293,
54.3692

■ 18.8943, 19.5597,
52.6492

■ 33.6552, 36.1807,
55.0794

■ 16.6874, 16.6473,
52.2034

■ 39.0161, 41.7000,
55.8622

■ 14.9819, 14.1742,
51.8159

■ 45.1096, 47.8072,
56.7199

■ 13.7073, 12.0983,
51.4824

■ 51.9641, 54.5215,
57.6546

■ 13.4144, 11.6056,
51.4028

■ 59.6064, 61.8607,
58.6684

■ 68.0620, 69.8423,
59.7633

■ 77.3552, 78.4827,
60.9413

■ 80.2491, 84.0549,
61.8643

Harmonies

Analogous

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



21.8156, 26.8233, 48.8569



25.0067, 26.8233, 53.7286



28.6367, 26.8233, 50.8662

Triad

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



25.0067, 26.8233, 53.7286



32.2285, 26.8233, 21.3801



20.1886, 26.8233, 19.4615

Complementary

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



25.0067, 26.8233, 53.7286



34.6780, 33.3270, 16.9181

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.



22.5914, 26.8233, 14.7776



25.0067, 26.8233, 53.7286



29.5659, 26.8233, 15.6890

Square

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



25.0067, 26.8233, 53.7286



33.0275, 26.8233, 30.6355



25.9891, 26.8233, 13.5789



19.2044, 26.8233, 27.8217

Rectangle

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



25.0067, 26.8233, 53.7286



30.7885, 26.8233, 45.2492



25.9891, 26.8233, 13.5789



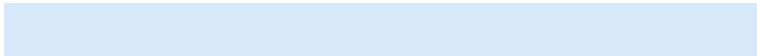
20.8455, 26.8233, 17.4890

Sweetspot

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



25.0076, 26.8243, 53.7292



74.0476, 78.9476, 101.6960



29.4447, 42.5576, 34.0621



15.3886, 16.4349, 21.7465



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.



25.0076, 26.8243, 53.7292



38.9483, 41.2303, 96.2657



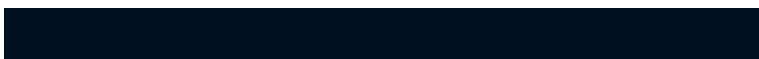
19.5360, 15.8810, 51.9054



9.9212, 10.5337, 12.7951



9.1036, 7.9638, 34.6140



0.4623, 0.4821, 1.5186

Inverse Universe

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



31.5036, 22.5592, 29.4830



52.5632, 34.0641, 45.0504



42.9375, 49.8459, 19.6712



10.2715, 10.1572, 11.5204



15.9911, 8.0862, 7.8650



0.7258, 0.3633, 0.5232

Previews

White Background



This preview shows how the XYZ color 25.0067, 26.8233, 53.7286 looks on a white background.

Color Contrast Check

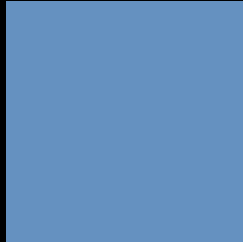
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.0067, 26.8233, 53.7286 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

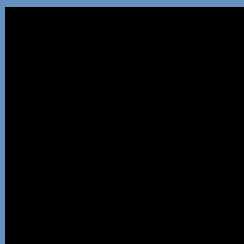
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

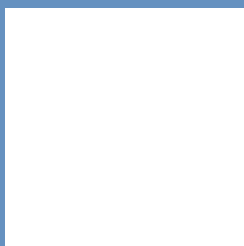
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.0067, 26.8233, 53.7286

Background



This preview shows how black text looks on a background with the XYZ color 25.0067, 26.8233, 53.7286.

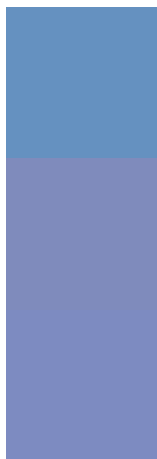


This preview shows how white text looks on a background with the XYZ color 25.0067, 26.8233,

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

25.0067, 26.8233, 53.7286

Protanopia

27.0621, 26.6081, 51.2865

Deuteranopia

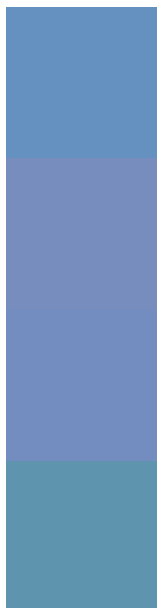
27.3157, 26.6755, 54.1613



Tritanopia

21.9308, 26.7323, 38.6543

Trichromacy



Original Color

25.0067, 26.8233, 53.7286

Protanomaly

26.1814, 26.5754, 51.8938

Deuteranomaly

26.3530, 26.6130, 54.2000

Tritanomaly

22.9492, 26.6687, 43.9824

Monochromacy



Original Color

25.0067, 26.8233, 53.7286

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

23.7761, 25.4756, 35.5624

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.0067, 26.8233, 53.7286 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(101, 145, 192)` looks like.

```
.text, #text, p{  
    color:rgb(101, 145, 192)  
}
```

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(101, 145, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 145, 192) }
```

Border

The CSS property to change the border of an element to XYZ 25.0067, 26.8233, 53.7286 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(101, 145, 192) }
```


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

```
.border{ border-color:rgb(101, 145, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 145, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 145, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 145, 192);  
box-shadow:4px 4px 4px 4px rgb(101, 145,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 25.0067, 26.8233, 53.7286 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 145, 192) }
```

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

```
.background{ background-color: rgb(101,  
145, 192) }
```

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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