

Converting Colors

XYZ(25.0278, 28.5960, 53.3332)

Have a look what the booklet for
XYZ(25.0278, 28.5960, 53.3332)
contains.

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Color

**XYZ(24.9466, 28.4422,
53.4653)**

Conversions

Conversions Part 1

Format	Color
Hex	5B98BF
RGB	91, 152, 191
RGB Percent	36%, 60%, 75%
CMY	0.6431, 0.4039, 0.2510
CMYK	0.52, 0.20, 0.00, 0.25
HSL	203°, 44%, 55%
HSV	203°, 52%, 75%
XYZ	24.9466, 28.4422, 53.4653
YIQ	138.2070, -48.8750, -0.8030

Conversions

Conversions Part 2

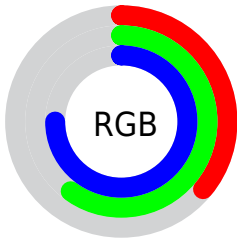
Format	Color
R_{YB}	91, 129, 191
Decimal	6002879
CIE _{Lab}	60.29, -8.69, -26.26
CIE _{LCh}	60, 27.658, 251.691
Yxy	28.4422, 0.2335, 0.2662
Android (android.graphics.Color)	4284192959 (0xFF5B98BF)
YUV	138.2070, 26.0269, -41.4005
Hunter-Lab	53.3312, -9.8332, -22.1072

Details

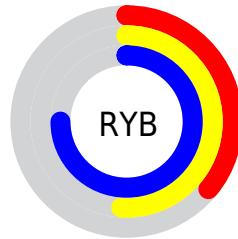
The XYZ color **24.9466, 28.4422, 53.4653** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **31.3577, 27.7981, 13.6115**, and the grayscale version is **24.1545, 25.4124, 27.6741**.

A 20% lighter version of the original color is **50.8924, 57.0611, 96.3273**, and **9.6757, 11.3747, 25.3525** is the 20% darker color. If you saturate the color by 10%, you get **22.1267, 25.2502, 52.9983**, and if you desaturate by 10%, it is **28.3235, 32.0352, 53.9814**.

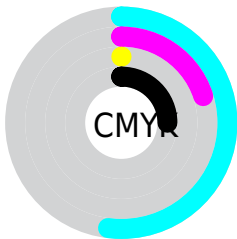
Distribution



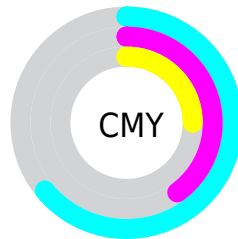
- Red (36%)
- Green (60%)
- Blue (75%)



- Red (36%)
- Yellow (51%)
- Blue (75%)



- Cyan (52%)
- Magenta (20%)
- Yellow (0%)
- Black (25%)



- Cyan (64%)
- Magenta (40%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.9466, 28.4422, 53.4653 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 24.9466, 28.4422, 53.4653 by changing the saturation by 10% instead.

■ 24.9466, 28.4422,
53.4653

■ 24.9466, 28.4422,
53.4653

269.9244,
294.5739, 417.1846

■ 16.1658, 18.6593,
37.7841

■ 51.0141, 57.1897,
96.7372

■ 9.7331, 11.4243,
25.5146

■ 69.0315, 76.9230,
125.1649

■ 5.2833, 6.3530,
16.2384

■ 90.8585, 100.7419,
158.6786

■ 2.4509, 3.0609,
9.5368

■ 116.8604,
129.0308, 197.6967

■ 0.8706, 1.1636,
4.9914

147.4026,
162.1740, 242.6378

■ 0.0000, 0.0317,
2.1836

182.8504,

■ 0.0000, 0.0000,

200.5560, 293.9205

0.6649

223.5693,
244.5612, 351.9632

■ 0.0000, 0.0000,
0.0000

■ 24.9466, 28.4422,
53.4653

■ 24.9466, 28.4422,
53.4653

■ 22.1267, 25.2502,
52.9983

■ 28.3235, 32.0352,
53.9814

■ 19.8225, 22.4342,
52.5762

■ 32.2890, 36.0458,
54.5465

■ 17.9909, 19.9704,
52.1972

■ 36.8758, 40.4934,
55.1632

■ 16.5796, 17.8296,
51.8584

■ 42.1129, 45.3948,
55.8332

■ 15.7085, 16.3704,
51.6226

■ 48.0277, 50.7660,
56.5582

■ 54.6457, 56.6219,
57.3398

■ 61.9912, 62.9769,
58.1792

■ 70.0872, 69.8446,
59.0781

■ 75.9870, 75.7076,
59.8988

Harmonies

Analogous

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



22.2527, 28.4422, 45.8646



24.9466, 28.4422, 53.4653



28.4394, 28.4422, 54.3099

Triad

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



24.9466, 28.4422, 53.4653



34.2789, 28.4422, 27.1764



22.7455, 28.4422, 18.5508

Complementary

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



24.9466, 28.4422, 53.4653



31.3577, 27.7981, 13.6115

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.



25.6746, 28.4422, 15.5066



24.9466, 28.4422, 53.4653



32.4541, 28.4422, 19.7074

Square

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



24.9466, 28.4422, 53.4653



34.0406, 28.4422, 37.5204



29.2336, 28.4422, 15.8776



21.0606, 28.4422, 25.2279

Rectangle

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



24.9466, 28.4422, 53.4653



30.7777, 28.4422, 50.7441



29.2336, 28.4422, 15.8776



23.6059, 28.4422, 17.1422

Sweetspot

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



24.9475, 28.4433, 53.4660



71.6243, 77.7797, 99.5171



26.9307, 41.0804, 27.3963



15.2986, 16.6779, 21.7981



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.



24.9475, 28.4433, 53.4660



38.8888, 44.3486, 94.7896



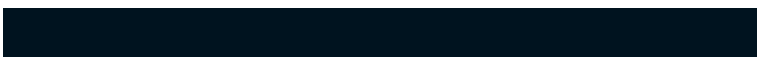
18.5365, 15.6212, 51.3290



9.4877, 10.1677, 12.1347



10.4034, 10.9185, 33.9521



0.4693, 0.5514, 1.3505

Inverse Universe

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



30.8953, 20.8266, 32.0983



51.1913, 30.9789, 50.0575



39.5619, 44.2065, 16.3462



9.7680, 9.6315, 11.1674



16.2519, 8.1319, 11.8861



0.6678, 0.3310, 0.6299

Previews

White Background



This preview shows how the XYZ color 24.9466, 28.4422, 53.4653 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 24.9466, 28.4422, 53.4653 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

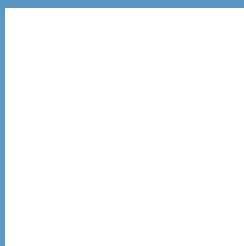
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.9466, 28.4422, 53.4653

Background



This preview shows how black text looks on a background with the XYZ color 24.9466, 28.4422, 53.4653.

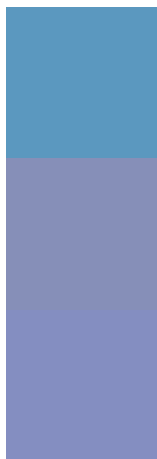


This preview shows how white text looks on a background with the XYZ color 24.9466, 28.4422,

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

24.9466, 28.4422, 53.4653

Protanopia

28.3057, 28.1739, 49.2936

Deuteranopia

28.8144, 28.1018, 54.3576



Tritanopia

22.6172, 28.4805, 41.8414

Trichromacy



Original Color

24.9466, 28.4422, 53.4653

Protanomaly

26.7197, 27.9972, 51.0094

Deuteranomaly

27.1294, 28.1454, 53.8719

Tritanomaly

23.4949, 28.5954, 45.8761

Monochromacy



Original Color

24.9466, 28.4422, 53.4653

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

23.7934, 26.1442, 35.6906

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.9466, 28.4422, 53.4653 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(91, 152, 191)` looks like.

```
.text, #text, p{  
    color:rgb(91, 152, 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(91, 152, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 152, 191) }
```

Border

The CSS property to change the border of an element to XYZ 24.9466, 28.4422, 53.4653 is called "border". The border property can be set on classes, ids or directly on the HTML element.

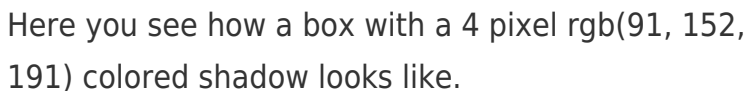
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(91, 152, 191) }
```


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

```
.border{ border-color:rgb(91, 152, 191) }
```

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



Here you see how a box with a 4 pixel `rgb(91, 152, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(91, 152, 191); -webkit-box-shadow:4px 4px 4px 4px rgb(91, 152, 191); box-shadow:4px 4px 4px 4px rgb(91, 152, 191) }
```

Background

The CSS property to change the background color of an element to XYZ 24.9466, 28.4422, 53.4653 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 152, 191) }
```

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

```
.background{ background-color: rgb(91, 152,  
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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