

Converting Colors

XYZ(24.9456, 27.9383, 54.5299)

Have a look what the booklet for
XYZ(24.9456, 27.9383, 54.5299)
contains.

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Color

**XYZ(24.9456, 27.9383,
54.5299)**

Conversions

Conversions Part 1

Format	Color
Hex	5C96C1
RGB	92, 150, 193
RGB Percent	36%, 59%, 76%
CMY	0.6392, 0.4118, 0.2431
CMYK	0.52, 0.22, 0.00, 0.24
HSL	206°, 45%, 56%
HSV	206°, 52%, 76%
XYZ	24.9456, 27.9383, 54.5299
YIQ	137.5600, -48.3710, 1.0770

Conversions

Conversions Part 2

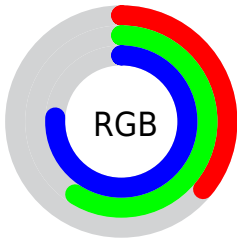
Format	Color
R_{YB}	92, 129, 193
Decimal	6067905
CIE _{Lab}	59.83, -6.74, -28.08
CIE _{LCh}	60, 28.877, 256.503
Yxy	27.9383, 0.2322, 0.2601
Android (android.graphics.Color)	4284257985 (0xFF5C96C1)
YUV	137.5600, 27.3319, -39.9561
Hunter-Lab	52.8567, -8.2565, -24.1672

Details

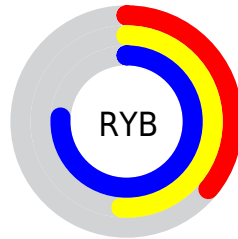
The XYZ color **24.9456, 27.9383, 54.5299** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **32.5888, 29.4390, 14.0909**, and the grayscale version is **23.9035, 25.1484, 27.3866**.

A 20% lighter version of the original color is **51.0609, 56.3838, 98.6344**, and **9.6871, 11.0791, 26.0540** is the 20% darker color. If you saturate the color by 10%, you get **21.9922, 24.5375, 54.0297**, and if you desaturate by 10%, it is **28.4840, 31.7782, 55.0851**.

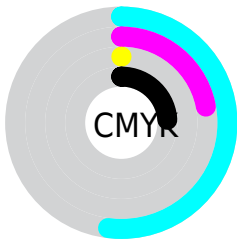
Distribution



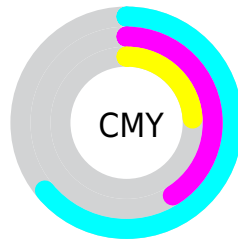
- Red (36%)
- Green (59%)
- Blue (76%)



- Red (36%)
- Yellow (51%)
- Blue (76%)



- Cyan (52%)
- Magenta (22%)
- Yellow (0%)
- Black (24%)



- Cyan (64%)
- Magenta (41%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.9456, 27.9383, 54.5299 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 24.9456, 27.9383, 54.5299 by changing the saturation by 10% instead.

■ 24.9456, 27.9383,
54.5299

■ 24.9456, 27.9383,
54.5299

269.9196,
292.1720, 421.3591

■ 16.1650, 18.2792,
38.6294

■ 51.0125, 56.3859,
98.3161

■ 9.7326, 11.1506,
26.1659

■ 69.0295, 75.9432,
127.0388

■ 5.2829, 6.1682,
16.7209

■ 90.8561, 99.5686,
160.8728

■ 2.4507, 2.9476,
9.8759

■ 116.8576,
127.6466, 200.2365

■ 0.8704, 1.1045,
5.2122

147.3993,
160.5615, 245.5484

■ 0.0000, 0.0000,
2.3114

182.8466,

■ 0.0000, 0.0000,

198.6978, 297.2271

0.7376

223.5649,
242.4398, 355.6912

■ 0.0000, 0.0000,
0.0000

■ 24.9456, 27.9383,
54.5299

■ 24.9456, 27.9383,
54.5299

■ 21.9922, 24.5375,
54.0297

■ 28.4840, 31.7782,
55.0851

■ 19.5809, 21.5494,
53.5800

■ 32.6403, 36.0754,
55.6955

■ 17.6671, 18.9487,
53.1789

■ 37.4484, 40.8503,
56.3637

■ 16.1966, 16.7043,
52.8232

■ 42.9385, 46.1213,
57.0918

■ 15.2919, 15.1827,
52.5771

■ 49.1390, 51.9053,
57.8814

■ 56.0766, 58.2186,
58.7343

■ 63.7765, 65.0764,
59.6522

■ 72.2626, 72.4936,
60.6366

■ 77.5090, 78.3969,
61.4995

Harmonies

Analogous

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



21.9989, 27.9383, 47.5092



24.9456, 27.9383, 54.5299



28.6044, 27.9383, 54.1270

Triad

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



24.9456, 27.9383, 54.5299



33.8902, 27.9383, 25.0460



21.7693, 27.9383, 18.5487

Complementary

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



24.9456, 27.9383, 54.5299



32.5888, 29.4390, 14.0909

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.



24.6050, 27.9383, 14.8981



24.9456, 27.9383, 54.5299



31.6993, 27.9383, 18.0161

Square

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



24.9456, 27.9383, 54.5299



34.0028, 27.9383, 35.3708



28.2312, 27.9383, 14.7286



20.2821, 27.9383, 25.9542

Rectangle

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



24.9456, 27.9383, 54.5299



30.9650, 27.9383, 49.6684



28.2312, 27.9383, 14.7286



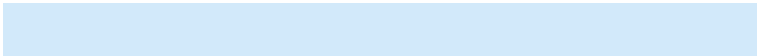
22.5841, 27.9383, 16.9244

Sweetspot

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



24.9465, 27.9393, 54.5306



72.8982, 78.7935, 101.7268



27.7933, 42.1395, 29.2547



15.2016, 16.4838, 21.7658



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.



24.9465, 27.9393, 54.5306



38.6069, 43.0096, 96.6272



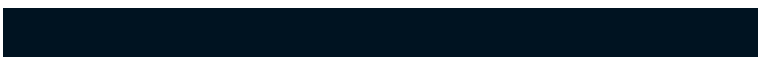
18.6374, 15.3211, 52.4275



9.9977, 10.6867, 12.8206



10.2515, 10.2594, 34.9966



0.5101, 0.5776, 1.5345

Inverse Universe

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



31.3253, 21.1947, 31.2952



51.7899, 31.4539, 48.0719



41.1866, 46.6347, 16.9568



10.3101, 10.1727, 11.7238



16.5704, 8.3179, 10.9159



0.7499, 0.3730, 0.6502

Previews

White Background



This preview shows how the XYZ color 24.9456, 27.9383, 54.5299 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 24.9456, 27.9383, 54.5299 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

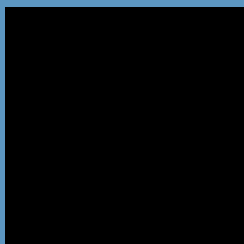
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

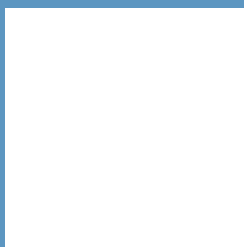
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.9456, 27.9383, 54.5299

Background



This preview shows how black text looks on a background with the XYZ color 24.9456, 27.9383, 54.5299.

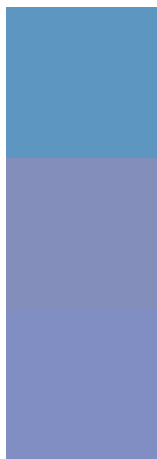


This preview shows how white text looks on a background with the XYZ color 24.9456, 27.9383,

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

24.9456, 27.9383, 54.5299

Protanopia

28.0027, 27.7592, 50.8959

Deuteranopia

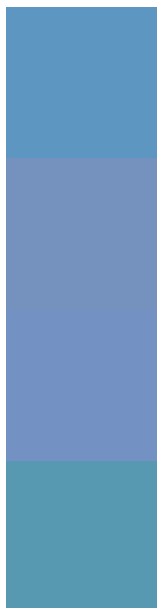
28.4254, 27.8753, 55.5121



Tritanopia

22.2637, 28.0717, 40.8042

Trichromacy



Original Color

24.9456, 27.9383, 54.5299

Protanomaly

26.6468, 27.7068, 52.0876

Deuteranomaly

26.9332, 27.7907, 54.9835

Tritanomaly

23.0655, 27.8955, 45.2430

Monochromacy



Original Color

24.9456, 27.9383, 54.5299

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

23.7297, 25.8796, 36.0923

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.9456, 27.9383, 54.5299 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(92, 150, 193)` looks like.

```
.text, #text, p{  
    color:rgb(92, 150, 193)  
}
```

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(92, 150, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 150, 193) }
```

Border

The CSS property to change the border of an element to XYZ 24.9456, 27.9383, 54.5299 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(92, 150, 193) }
```


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

```
.border{ border-color:rgb(92, 150, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 150, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 150, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 150, 193);  
box-shadow:4px 4px 4px 4px rgb(92, 150,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 24.9456, 27.9383, 54.5299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 150, 193) }
```

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

```
.background{ background-color: rgb(92, 150,  
193) }
```

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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