

Converting Colors

XYZ(24.7956, 29.3341, 54.2182)

Have a look what the booklet for
XYZ(24.7956, 29.3341, 54.2182)
contains.

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Color

**XYZ(24.7962, 29.3320,
54.2239)**

Conversions

Conversions Part 1

Format	Color
Hex	519CC0
RGB	81, 156, 192
RGB Percent	32%, 61%, 75%
CMY	0.6823, 0.3882, 0.2471
CMYK	0.58, 0.19, 0.00, 0.25
HSL	199°, 47%, 54%
HSV	199°, 58%, 75%
XYZ	24.7962, 29.3320, 54.2239
YIQ	137.6790, -56.2560, -4.7040

Conversions

Conversions Part 2

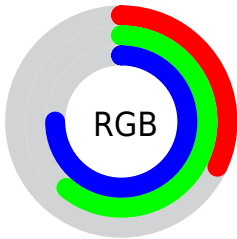
Format	Color
R_{YB}	81, 126, 192
Decimal	5348544
CIE _{Lab}	61.07, -12.73, -25.64
CIE _{LCh}	61, 28.628, 243.604
Yxy	29.3320, 0.2288, 0.2707
Android (android.graphics.Color)	4283538624 (0xFF519CC0)
YUV	137.6790, 26.7803, -49.7075
Hunter-Lab	54.1590, -13.0537, -21.4497

Details

The XYZ color **24.7962, 29.3320, 54.2239** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle muted azure. A complement of this color would be **29.5856, 24.5243, 10.9600**, and the grayscale version is **23.9529, 25.2003, 27.4431**.

A 20% lighter version of the original color is **51.0406, 58.9171, 98.3045**, and **9.6515, 11.9446, 25.8416** is the 20% darker color. If you saturate the color by 10%, you get **22.3595, 26.5647, 53.8187**, and if you desaturate by 10%, it is **27.7536, 32.4484, 54.6701**.

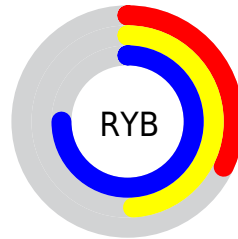
Distribution



Red (32%)

Green (61%)

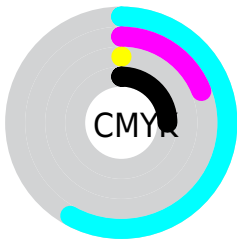
Blue (75%)



Red (32%)

Yellow (49%)

Blue (75%)

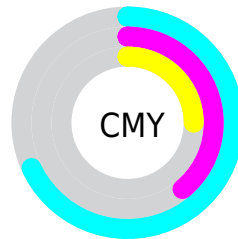


Cyan (58%)

Magenta (19%)

Yellow (0%)

Black (25%)



Cyan (68%)

Magenta (39%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.7962, 29.3320, 54.2239 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 24.7962, 29.3320, 54.2239 by changing the saturation by 10% instead.

■ 24.7962, 29.3320,
54.2239

■ 24.7962, 29.3320,
54.2239

269.1879,
298.7782, 420.1620

■ 16.0532, 19.3321,
38.3863

■ 50.7717, 58.6042,
97.8626

■ 9.6529, 11.9105,
25.9785

■ 68.7349, 78.6452,
126.5008

■ 5.2299, 6.6828,
16.5819

■ 90.5022, 102.8021,
160.2430

■ 2.4189, 3.2645,
9.7781

■ 116.4390,
131.4593, 199.5076

■ 0.8546, 1.2713,
5.1484

146.9106,
165.0011, 244.7133

■ 0.0000, 0.1188,
2.2743

182.2824,

■ 0.0000, 0.0000,

203.8119, 296.2786

0.7168

222.9197,
248.2761, 354.6220

■ 0.0000, 0.0000,
0.0000

■ 24.7962, 29.3320,
54.2239

■ 24.7962, 29.3320,
54.2239

■ 22.3595, 26.5647,
53.8187

■ 27.7536, 32.4484,
54.6701

■ 20.3993, 24.1208,
53.4503

■ 31.2651, 35.9306,
55.1572

■ 18.8686, 21.9755,
53.1169

■ 35.3647, 39.7978,
55.6875

■ 17.6961, 20.0908,
52.8149

■ 40.0826, 44.0666,
56.2628

■ 17.4613, 19.6994,
52.7518

■ 45.4469, 48.7527,
56.8846

■ 51.4838, 53.8706,
57.5543

■ 58.2181, 59.4341,
58.2732

■ 65.6733, 65.4564,
59.0427

■ 73.8716, 71.9500,
59.8640

Harmonies

Analogous

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



22.2969, 29.3320, 44.7774



24.7962, 29.3320, 54.2239



28.3347, 29.3320, 57.2843

Triad

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



24.7962, 29.3320, 54.2239



35.7085, 29.3320, 30.6576



24.0776, 29.3320, 17.6461

Complementary

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



24.7962, 29.3320, 54.2239



29.5856, 24.5243, 10.9600

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.



27.4286, 29.3320, 15.4491



24.7962, 29.3320, 54.2239



34.3231, 29.3320, 21.8218

Square

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



24.7962, 29.3320, 54.2239



34.8461, 29.3320, 42.0210



31.2077, 29.3320, 16.7869



21.9088, 29.3320, 23.6119

Rectangle

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



24.7962, 29.3320, 54.2239



30.8658, 29.3320, 54.8312



31.2077, 29.3320, 16.7869



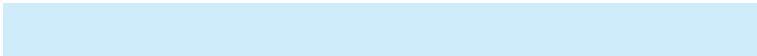
25.0918, 29.3320, 16.5115

Sweetspot

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



24.7972, 29.3331, 54.2246



73.1189, 80.2824, 102.0026



25.4050, 40.7138, 23.0895



15.2928, 16.8730, 21.8361



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.



24.7972, 29.3331, 54.2246



39.6247, 47.0662, 97.3565



17.5965, 14.9317, 51.8244



10.0843, 10.8599, 12.8495



11.8226, 13.4018, 35.5203



0.5712, 0.6998, 1.5549

Inverse Universe

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



30.6822, 19.4926, 33.5988



51.8103, 29.5731, 54.0025



37.9102, 41.1734, 13.7348



10.3538, 10.1901, 11.9538



17.3635, 8.6352, 15.0921



0.7807, 0.3853, 0.8126

Previews

White Background



This preview shows how the XYZ color 24.7962, 29.3320, 54.2239 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 24.7962, 29.3320, 54.2239 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

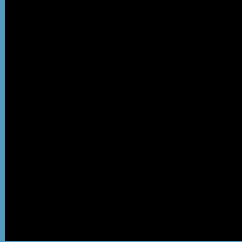
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.7962, 29.3320, 54.2239

Background



This preview shows how black text looks on a background with the XYZ color 24.7962, 29.3320, 54.2239.

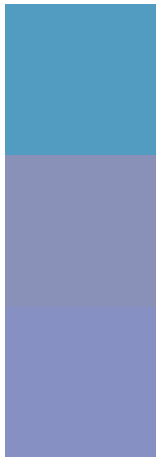


This preview shows how white text looks on a background with the XYZ color 24.7962, 29.3320,

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

24.7962, 29.3320, 54.2239

Protanopia

29.0937, 29.0299, 49.4173

Deuteranopia

29.6551, 28.9550, 55.6556



Tritanopia

22.5922, 29.1913, 43.4735

Trichromacy



Original Color

24.7962, 29.3320, 54.2239

Protanomaly

27.0532, 28.8647, 51.1593

Deuteranomaly

27.3977, 28.7197, 55.1384

Tritanomaly

23.3440, 29.2449, 47.0623

Monochromacy



Original Color

24.7962, 29.3320, 54.2239

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

23.6331, 26.5013, 36.2174

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.7962, 29.3320, 54.2239 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(81, 156, 192)` looks like.

```
.text, #text, p{  
    color:rgb(81, 156, 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(81, 156, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 156, 192) }
```

Border

The CSS property to change the border of an element to XYZ 24.7962, 29.3320, 54.2239 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(81, 156, 192) }
```


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

```
.border{ border-color:rgb(81, 156, 192) }
```

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

Here you see how a box with a 4 pixel rgb(81, 156, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 156, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 156, 192);  
box-shadow:4px 4px 4px 4px rgb(81, 156,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 24.7962, 29.3320, 54.2239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 156, 192) }
```

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

```
.background{ background-color: rgb(81, 156,  
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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