

Converting Colors

XYZ(24.5869, 29.6836, 54.3044)

Have a look what the booklet for
XYZ(24.5869, 29.6836, 54.3044)
contains.

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Color

**XYZ(24.6429, 29.7553,
54.3137)**

Conversions

Conversions Part 1

Format	Color
Hex	4B9EC0
RGB	75, 158, 192
RGB Percent	29%, 62%, 75%
CMY	0.7059, 0.3804, 0.2471
CMYK	0.61, 0.18, 0.00, 0.25
HSL	197°, 48%, 52%
HSV	197°, 61%, 75%
XYZ	24.6429, 29.7553, 54.3137
YIQ	137.0590, -60.3820, -7.0220

Conversions

Conversions Part 2

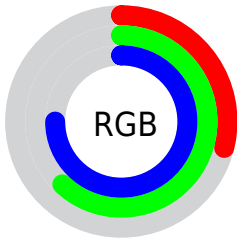
Format	Color
R_{YB}	75, 124, 192
Decimal	4955840
CIE _{Lab}	61.44, -14.98, -25.09
CIE _{LCh}	61, 29.224, 239.169
Yxy	29.7553, 0.2267, 0.2737
Android (android.graphics.Color)	4283145920 (0xFF4B9EC0)
YUV	137.0590, 27.0859, -54.4257
Hunter-Lab	54.5484, -14.8202, -20.8510

Details

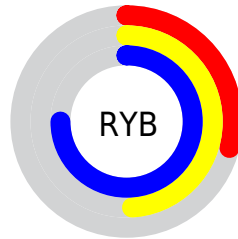
The XYZ color **24.6429, 29.7553, 54.3137** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle muted azure. A complement of this color would be **28.4778, 22.6529, 9.5292**, and the grayscale version is **23.7183, 24.9535, 27.1744**.

A 20% lighter version of the original color is **50.7246, 59.4964, 98.4330**, and **9.8451, 12.3504, 25.9097** is the 20% darker color. If you saturate the color by 10%, you get **22.4316, 27.2349, 53.9443**, and if you desaturate by 10%, it is **27.3525, 32.5979, 54.7201**.

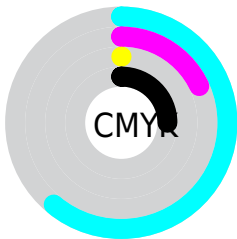
Distribution



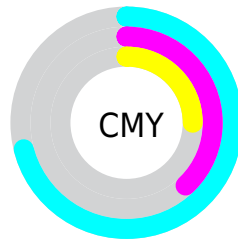
- Red (29%)
- Green (62%)
- Blue (75%)



- Red (29%)
- Yellow (49%)
- Blue (75%)



- Cyan (61%)
- Magenta (18%)
- Yellow (0%)
- Black (25%)



- Cyan (71%)
- Magenta (38%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.6429, 29.7553, 54.3137 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 24.6429, 29.7553, 54.3137 by changing the saturation by 10% instead.

■ 24.6429, 29.7553,
54.3137

■ 24.6429, 29.7553,
54.3137

268.4354,
300.7622, 420.5135

■ 15.9385, 19.6529,
38.4576

■ 50.5244, 59.2750,
97.9957

■ 9.5712, 12.1430,
26.0335

■ 68.4322, 79.4611,
126.6588

■ 5.1757, 6.8411,
16.6227

■ 90.1385, 103.7772,
160.4279

■ 2.3865, 3.3630,
9.8067

■ 116.0087,
132.6078, 199.7216

■ 0.8384, 1.3240,
5.1671

■ 146.4082,
166.3372, 244.9585

■ 0.0000, 0.1597,
2.2852

181.7022,

■ 0.0000, 0.0000,

205.3498, 296.5571

0.7229

222.2562,
250.0300, 354.9359

■ 0.0000, 0.0000,
0.0000

■ 24.6429, 29.7553,
54.3137

■ 24.6429, 29.7553,
54.3137

■ 22.4316, 27.2349,
53.9443

■ 27.3525, 32.5979,
54.7201

■ 20.6728, 25.0106,
53.6077

■ 30.5949, 35.7795,
55.1633

■ 19.3168, 23.0563,
53.3020

■ 34.4049, 39.3195,
55.6458

■ 18.3477, 21.4721,
53.0472

■ 38.8132, 43.2346,
56.1692

■ 43.8483, 47.5401,
56.7348

■ 49.5369, 52.2507,
57.3442

■ 55.9039, 57.3798,
57.9987

■ 62.9729, 62.9405,
58.6994

■ 70.7665, 68.9452,
59.4477

Harmonies

Analogous

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



22.2787, 29.7553, 43.9123



24.6429, 29.7553, 54.3137



28.1740, 29.7553, 58.6642

Triad

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



24.6429, 29.7553, 54.3137



36.3779, 29.7553, 32.7079



24.8135, 29.7553, 17.1469

Complementary

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



24.6429, 29.7553, 54.3137



28.4778, 22.6529, 9.5292

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.



28.3893, 29.7553, 15.4430



24.6429, 29.7553, 54.3137



35.2760, 29.7553, 23.0968

Square

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



24.6429, 29.7553, 54.3137



35.1514, 29.7553, 44.5698



32.2618, 29.7553, 17.3495



22.3707, 29.7553, 22.6731

Rectangle

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



24.6429, 29.7553, 54.3137



30.7914, 29.7553, 56.9325



32.2618, 29.7553, 17.3495



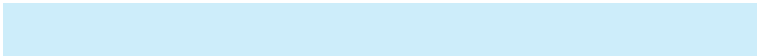
25.9119, 29.7553, 16.1726

Sweetspot

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



24.6439, 29.7564, 54.3144



72.6283, 80.3323, 102.0381



24.4670, 40.2818, 20.7161



15.0343, 16.7598, 21.8279



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.



24.6439, 29.7564, 54.3144



39.5275, 47.9870, 97.5394



17.0079, 14.4845, 51.7691



10.1133, 10.9179, 12.8592



12.4156, 14.5876, 35.7179



0.5934, 0.7442, 1.5622

Inverse Universe

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



30.4267, 18.7082, 34.3561



51.4890, 28.4023, 55.5237



36.7637, 39.2248, 12.2911



10.3685, 10.1960, 12.0310



17.6628, 8.7549, 16.6681



0.7919, 0.3898, 0.8715

Previews

White Background



This preview shows how the XYZ color 24.6429, 29.7553, 54.3137 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 24.6429, 29.7553, 54.3137 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

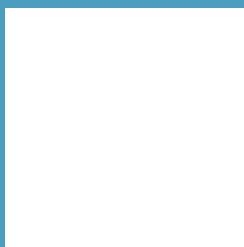
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.6429, 29.7553, 54.3137

Background



This preview shows how black text looks on a background with the XYZ color 24.6429, 29.7553, 54.3137.

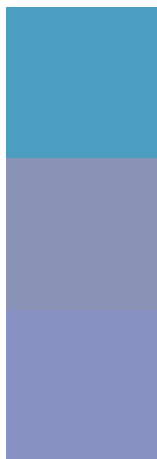


This preview shows how white text looks on a background with the XYZ color 24.6429, 29.7553,

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

24.6429, 29.7553, 54.3137

Protanopia

29.4736, 29.4656, 48.9338

Deuteranopia

30.1291, 29.4252, 55.7214



Tritanopia

22.6996, 29.7390, 44.5882

Trichromacy



Original Color

24.6429, 29.7553, 54.3137

Protanomaly

26.9717, 29.0709, 50.6441

Deuteranomaly

27.5834, 29.2851, 55.2377

Tritanomaly

23.4371, 29.7799, 48.2289

Monochromacy



Original Color

24.6429, 29.7553, 54.3137

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

23.1506, 26.2625, 35.7473

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.6429, 29.7553, 54.3137 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(75, 158, 192)` looks like.

```
.text, #text, p{  
    color:rgb(75, 158, 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(75, 158, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 158, 192) }
```

Border

The CSS property to change the border of an element to XYZ 24.6429, 29.7553, 54.3137 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(75, 158, 192) }
```


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

```
.border{ border-color:rgb(75, 158, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 158, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 158, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 158, 192);  
box-shadow:4px 4px 4px 4px rgb(75, 158,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 24.6429, 29.7553, 54.3137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 158, 192) }
```

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

```
.background{ background-color: rgb(75, 158,  
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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