

Converting Colors

XYZ(23.2874, 29.6194, 39.5735)

Have a look what the booklet for
XYZ(23.2874, 29.6194, 39.5735)
contains.

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Color

**XYZ(23.3154, 29.6503,
39.6162)**

Conversions

Conversions Part 1

Format	Color
Hex	5A9FA4
RGB	90, 159, 164
RGB Percent	35%, 62%, 64%
CMY	0.6470, 0.3765, 0.3569
CMYK	0.45, 0.03, 0.00, 0.36
HSL	184°, 29%, 50%
HSV	184°, 45%, 64%
XYZ	23.3154, 29.6503, 39.6162
YIQ	138.9390, -42.7290, -13.0730

Conversions

Conversions Part 2

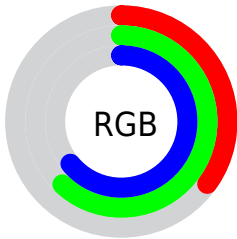
Format	Color
R_{YB}	90, 126, 164
Decimal	5939108
CIE _{Lab}	61.35, -20.42, -9.42
CIE _{LCh}	61, 22.482, 204.760
Yxy	29.6503, 0.2518, 0.3203
Android (android.graphics.Color)	4284129188 (0xFF5A9FA4)
YUV	138.9390, 12.3551, -42.9195
Hunter-Lab	54.4521, -18.8607, -5.0195

Details

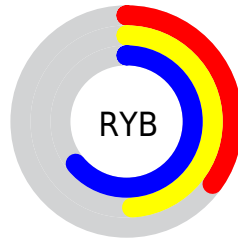
The XYZ color **23.3154, 29.6503, 39.6162** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **21.2479, 16.8154, 11.7993**, and the grayscale version is **24.4836, 25.7587, 28.0512**.

A 20% lighter version of the original color is **48.3343, 59.1369, 75.8849**, and **8.8095, 12.0086, 17.1828** is the 20% darker color. If you saturate the color by 10%, you get **21.7035, 28.5385, 39.4871**, and if you desaturate by 10%, it is **25.2828, 30.9493, 39.7638**.

Distribution



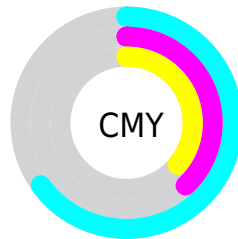
- Red (35%)
- Green (62%)
- Blue (64%)



- Red (35%)
- Yellow (49%)
- Blue (64%)



- Cyan (45%)
- Magenta (3%)
- Yellow (0%)
- Black (36%)



- Cyan (65%)
- Magenta (38%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.3154, 29.6503, 39.6162 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 23.3154, 29.6503, 39.6162 by changing the saturation by 10% instead.

■ 23.3154, 29.6503,
39.6162

■ 23.3154, 29.6503,
39.6162

261.8460,
300.2710, 360.0071

■ 14.9485, 19.5733,
26.9279

■ 48.3736, 59.1087,
75.8094

■ 8.8694, 12.0853,
17.2871

■ 65.7956, 79.2589,
100.1514

■ 4.7125, 6.8018,
10.2753

■ 86.9667, 103.5356,
129.2151

■ 2.1126, 3.3384,
5.4739

■ 112.2522,
132.3233, 163.4189

■ 0.6960, 1.3109,
2.4643

142.0176,
166.0063, 203.1815

■ 0.0000, 0.1496,
0.8212

176.6281,

■ 0.0000, 0.0000,

204.9689, 248.9214

0.0000

216.4491,
249.5957, 301.0571

■ 23.3154, 29.6503,
39.6162

■ 23.3154, 29.6503,
39.6162

■ 21.7035, 28.5385,
39.4871

■ 25.2828, 30.9493,
39.7638

■ 20.4209, 27.5983,
39.3732

■ 27.6242, 32.4430,
39.9287

■ 19.4423, 26.8173,
39.2740

■ 30.3602, 34.1426,
40.1125

■ 18.7375, 26.1800,
39.1882

■ 33.5089, 36.0575,
40.3162

■ 18.2685, 25.6667,
39.1138

■ 37.0875, 38.1966,
40.5404

■ 18.0797, 25.4379,
39.0796

■ 41.1121, 40.5682,
40.7861

■ 45.5979, 43.1801,
41.0538

■ 50.5595, 46.0399,
41.3443

■ 56.0108, 49.1547,
41.6582

Harmonies

Analogous

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



22.8773, 29.6503, 30.8158



23.3154, 29.6503, 39.6162



25.0186, 29.6503, 47.5392

Triad

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



23.3154, 29.6503, 39.6162



33.0990, 29.6503, 42.6510



28.7056, 29.6503, 18.6021

Complementary

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



23.3154, 29.6503, 39.6162



21.2479, 16.8154, 11.7993

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.



31.6008, 29.6503, 20.7010



23.3154, 29.6503, 39.6162



34.2485, 29.6503, 33.7984

Square

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



23.3154, 29.6503, 39.6162



30.6374, 29.6503, 49.4956



33.6820, 29.6503, 25.9176



25.8609, 29.6503, 19.6118

Rectangle

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



23.3154, 29.6503, 39.6162



26.7095, 29.6503, 50.7380



33.6820, 29.6503, 25.9176



29.7070, 29.6503, 18.9546

Sweetspot

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



23.3163, 29.6515, 39.6169



55.5683, 62.2561, 72.8402



19.5550, 29.5502, 15.4843



11.9093, 13.4635, 15.9086



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



23.3163, 29.6515, 39.6169



39.4224, 51.8209, 71.6770



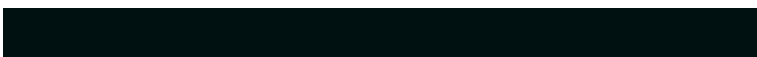
17.8856, 18.7901, 37.8067



7.2350, 7.9290, 9.0522



13.8763, 19.5320, 29.9685



0.3029, 0.4331, 0.6335

Inverse Universe

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



25.2247, 17.7087, 34.8909



43.3953, 27.6366, 61.6867



25.3981, 25.1158, 13.1827



7.3436, 7.1939, 8.7957



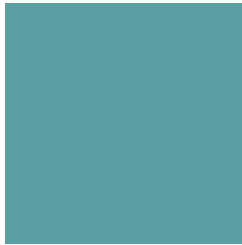
16.1496, 7.8159, 23.7761



0.3451, 0.1665, 0.5298

Previews

White Background



This preview shows how the XYZ color 23.3154, 29.6503, 39.6162 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 23.3154, 29.6503, 39.6162 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

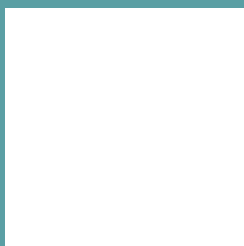
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.3154, 29.6503, 39.6162

Background



This preview shows how black text looks on a background with the XYZ color 23.3154, 29.6503, 39.6162.

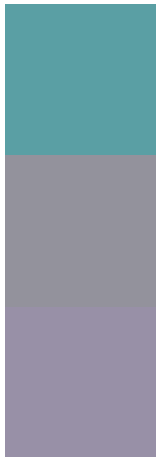


This preview shows how white text looks on a background with the XYZ color 23.3154, 29.6503,

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

23.3154, 29.6503, 39.6162

Protanopia

28.3123, 29.1611, 35.5889

Deuteranopia

29.8972, 29.4119, 40.6605



Tritanopia

23.9912, 29.6693, 42.9904

Trichromacy



Original Color

23.3154, 29.6503, 39.6162

Protanomaly

25.9288, 29.0720, 37.0458

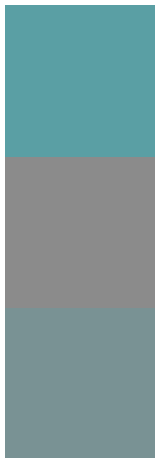
Deuteranomaly

26.6836, 28.9152, 40.2512

Tritanomaly

23.6091, 29.5050, 41.4965

Monochromacy



Original Color

23.3154, 29.6503, 39.6162

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

23.5093, 26.7608, 31.9433

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.3154, 29.6503, 39.6162 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(90, 159, 164)` looks like.

```
.text, #text, p{  
    color:rgb(90, 159, 164)  
}
```

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(90, 159, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 159, 164) }
```

Border

The CSS property to change the border of an element to XYZ 23.3154, 29.6503, 39.6162 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(90, 159, 164) }
```


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

```
.border{ border-color:rgb(90, 159, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 159, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 159, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 159, 164);  
box-shadow:4px 4px 4px 4px rgb(90, 159,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 23.3154, 29.6503, 39.6162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 159, 164) }
```

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

```
.background{ background-color: rgb(90, 159,  
164) }
```

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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