

Converting Colors

XYZ(25.4174, 29.4727, 39.9465)

Have a look what the booklet for
XYZ(25.4174, 29.4727, 39.9465)
contains.

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Color

**XYZ(25.4174, 29.4727,
39.9465)**

Conversions

Conversions Part 1

Format	Color
Hex	739AA5
RGB	115, 154, 165
RGB Percent	45%, 60%, 65%
CMY	0.5490, 0.3961, 0.3529
CMYK	0.30, 0.07, 0.00, 0.35
HSL	193°, 22%, 55%
HSV	193°, 30%, 65%
XYZ	25.4174, 29.4727, 39.9465
YIQ	143.5930, -26.7750, -4.8470

Conversions

Conversions Part 2

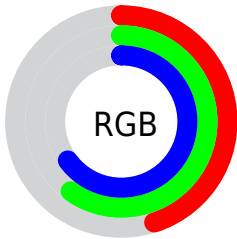
Format	Color
RYB	115, 137, 165
Decimal	7576229
CIELab	61.20, -10.61, -10.08
CIELCh	61, 14.635, 223.524
Yxy	29.4727, 0.2680, 0.3108
Android (android.graphics.Color)	4285766309 (0xFF739AA5)
YUV	143.5930, 10.5537, -25.0761
Hunter-Lab	54.2888, -11.4336, -5.6243

Details

The XYZ color **25.4174, 29.4727, 39.9465** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **26.0728, 24.1591, 19.5094**, and the grayscale version is **26.3131, 27.6835, 30.1473**.

A 20% lighter version of the original color is **51.6226, 58.6039, 76.3010**, and **10.0109, 12.0166, 17.4146** is the 20% darker color. If you saturate the color by 10%, you get **22.8491, 27.2735, 39.6579**, and if you desaturate by 10%, it is **28.3940, 31.9107, 40.2607**.

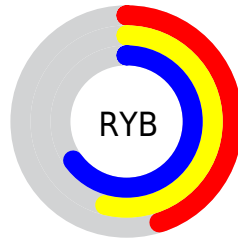
Distribution



Red (45%)

Green (60%)

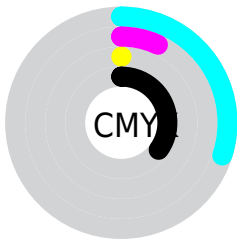
Blue (65%)



Red (45%)

Yellow (54%)

Blue (65%)

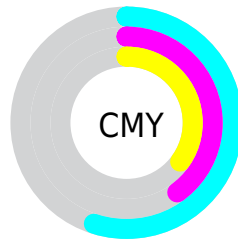


Cyan (30%)

Magenta (7%)

Yellow (0%)

Black (35%)



Cyan (55%)

Magenta (40%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.4174, 29.4727, 39.9465 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 25.4174, 29.4727, 39.9465 by changing the saturation by 10% instead.

■ 25.4174, 29.4727,
39.9465

■ 25.4174, 29.4727,
39.9465

272.2197,
299.4388, 361.4434

■ 16.5187, 19.4387,
27.1834

■ 51.7716, 58.8273,
76.3182

■ 9.9851, 11.9877,
17.4773

■ 69.9578, 78.9166,
100.7639

■ 5.4513, 6.7353,
10.4099

■ 91.9705, 103.1266,
129.9409

■ 2.5518, 3.2971,
5.5624

118.1752,
131.8415, 164.2676

■ 0.9215, 1.2887,
2.5164

148.9370,
165.4458, 204.1627

■ 0.0000, 0.1325,
0.8488

184.6215,

■ 0.0000, 0.0000,

204.3238, 250.0447

0.0000

225.5940,
248.8600, 302.3321

■ 25.4174, 29.4727,
39.9465

■ 25.4174, 29.4727,
39.9465

■ 22.8491, 27.2735,
39.6579

■ 28.3940, 31.9107,
40.2607

■ 20.6655, 25.2985,
39.3918

■ 31.7956, 34.5942,
40.5994

■ 18.8447, 23.5371,
39.1477

■ 35.6410, 37.5339,
40.9641

■ 17.3614, 21.9758,
38.9245

■ 39.9473, 40.7388,
41.3558

■ 16.1869, 20.5996,
38.7208

■ 44.7307, 44.2173,
41.7751

■ 15.2873, 19.3908,
38.5349

■ 50.0063, 47.9777,
42.2228

■ 14.6033, 18.3400,
38.3681

■ 55.7887, 52.0275,
42.6998

■ 62.0920, 56.3744,
43.2066

■ 65.7316, 59.3767,
43.5942

Harmonies

Analogous

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



24.5707, 29.4727, 34.6303



25.4174, 29.4727, 39.9465



26.9776, 29.4727, 43.3496

Triad

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



25.4174, 29.4727, 39.9465



31.7089, 29.4727, 35.1877



27.1574, 29.4727, 22.8597

Complementary

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



25.4174, 29.4727, 39.9465



26.0728, 24.1591, 19.5094

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.



29.0744, 29.4727, 22.9725



25.4174, 29.4727, 39.9465



31.7625, 29.4727, 29.6785

Square

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



25.4174, 29.4727, 39.9465



30.6362, 29.4727, 40.3945



30.7794, 29.4727, 25.3390



25.5438, 29.4727, 25.0109

Rectangle

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



25.4174, 29.4727, 39.9465



28.2407, 29.4727, 43.8583



30.7794, 29.4727, 25.3390



27.7864, 29.4727, 22.6423

Sweetspot

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



25.4183, 29.4739, 39.9472



57.6853, 62.5302, 72.7815



24.2812, 32.0578, 24.5911



12.4133, 13.5170, 15.8923



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.



25.4183, 29.4739, 39.9472



42.5145, 50.2318, 71.2073



21.7347, 22.1066, 38.7193



7.1433, 7.7457, 9.0216



11.0853, 13.9499, 29.0381



0.2640, 0.3552, 0.6205

Inverse Universe

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



27.4813, 22.5947, 33.4860



46.8535, 36.2847, 57.5006



29.6520, 31.3174, 20.7024



7.2973, 7.1754, 8.5521



14.7408, 7.2524, 16.3575



0.3254, 0.1587, 0.4262

Previews

White Background



This preview shows how the XYZ color 25.4174, 29.4727, 39.9465 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 25.4174, 29.4727, 39.9465 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

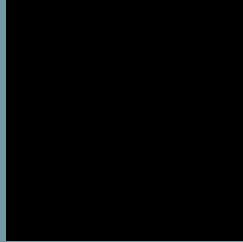
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.4174, 29.4727, 39.9465

Background



This preview shows how black text looks on a background with the XYZ color 25.4174, 29.4727, 39.9465.



This preview shows how white text looks on a background with the XYZ color 25.4174, 29.4727,

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

25.4174, 29.4727, 39.9465

Protanopia

28.4781, 29.2068, 37.3942

Deuteranopia

29.7464, 29.1103, 40.6103



Tritanopia

25.5088, 29.5092, 40.4278

Trichromacy



Original Color

25.4174, 29.4727, 39.9465

Protanomaly

27.2607, 29.2544, 38.3923

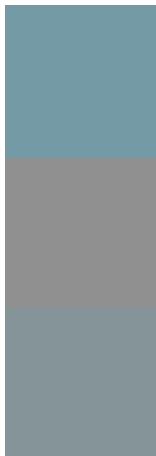
Deuteranomaly

27.9641, 29.1096, 40.2212

Tritanomaly

25.5088, 29.5092, 40.4278

Monochromacy



Original Color

25.4174, 29.4727, 39.9465

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

25.9303, 28.4334, 33.8273

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.4174, 29.4727, 39.9465 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(115, 154, 165)` looks like.

```
.text, #text, p{  
    color:rgb(115, 154, 165)  
}
```

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(115, 154, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 154, 165) }
```

Border

The CSS property to change the border of an element to XYZ 25.4174, 29.4727, 39.9465 is called "border". The border property can be set on classes, ids or directly on the HTML element.

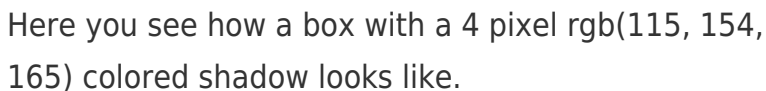
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(115, 154, 165) }
```


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

```
.border{ border-color:rgb(115, 154, 165) }
```

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



Here you see how a box with a 4 pixel `rgb(115, 154, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(115, 154, 165); -webkit-box-shadow:4px 4px 4px 4px rgb(115, 154, 165); box-shadow:4px 4px 4px 4px rgb(115, 154, 165) }
```

Background

The CSS property to change the background color of an element to XYZ 25.4174, 29.4727, 39.9465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 154, 165) }
```

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

```
.background{ background-color: rgb(115,  
154, 165) }
```

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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