

Converting Colors

XYZ(24.5762, 29.5927, 44.4668)

Have a look what the booklet for
XYZ(24.5762, 29.5927, 44.4668)
contains.

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Color

**XYZ(24.6267, 29.7113,
44.4813)**

Conversions

Conversions Part 1

Format	Color
Hex	619DAE
RGB	97, 157, 174
RGB Percent	38%, 62%, 68%
CMY	0.6196, 0.3843, 0.3176
CMYK	0.44, 0.10, 0.00, 0.32
HSL	193°, 32%, 53%
HSV	193°, 44%, 68%
XYZ	24.6267, 29.7113, 44.4813
YIQ	140.9980, -41.2170, -7.4330

Conversions

Conversions Part 2

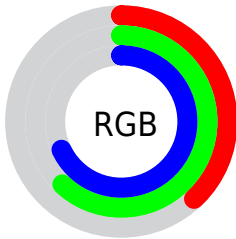
Format	Color
R_{YB}	97, 131, 174
Decimal	6397358
CIE _{Lab}	61.40, -14.88, -14.94
CIE _{LCh}	61, 21.091, 225.120
Yxy	29.7113, 0.2492, 0.3007
Android (android.graphics.Color)	4284587438 (0xFF619DAE)
YUV	140.9980, 16.2700, -38.5862
Hunter-Lab	54.5081, -14.7430, -10.2279

Details

The XYZ color **24.6267, 29.7113, 44.4813** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **25.6311, 21.8969, 14.1857**, and the grayscale version is **25.2672, 26.5831, 28.9490**.

A 20% lighter version of the original color is **50.4488, 59.3234, 82.9204**, and **9.6217, 12.2054, 20.2611** is the 20% darker color. If you saturate the color by 10%, you get **22.3326, 27.5796, 44.1913**, and if you desaturate by 10%, it is **27.3497, 32.0958, 44.7986**.

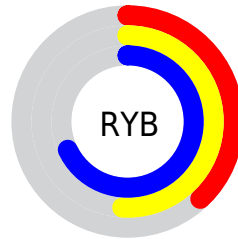
Distribution



Red (38%)

Green (62%)

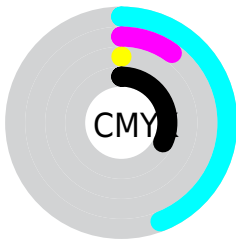
Blue (68%)



Red (38%)

Yellow (51%)

Blue (68%)

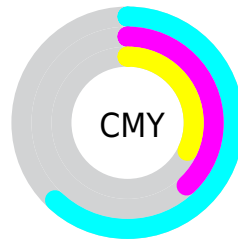


Cyan (44%)

Magenta (10%)

Yellow (0%)

Black (32%)



Cyan (62%)

Magenta (38%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.6267, 29.7113, 44.4813 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 24.6267, 29.7113, 44.4813 by changing the saturation by 10% instead.

■ 24.6267, 29.7113,
44.4813

■ 24.6267, 29.7113,
44.4813

268.3558,
300.5564, 380.7674

■ 15.9264, 19.6196,
30.7091

■ 50.4982, 59.2053,
83.2517

■ 9.5626, 12.1188,
20.1208

■ 68.4002, 79.3764,
109.0869

■ 5.1700, 6.8246,
12.2980

■ 90.1001, 103.6760,
139.7803

■ 2.3831, 3.3527,
6.8219

■ 115.9632,
132.4886, 175.7503

■ 0.8367, 1.3185,
3.2742

146.3550,
166.1985, 217.4154

■ 0.0000, 0.1555,
1.2363

181.6408,

■ 0.0000, 0.0000,

205.1902, 265.1943

0.0087

222.1860,
249.8481, 319.5055

■ 0.0000, 0.0000,
0.0000

■ 24.6267, 29.7113,
44.4813

■ 24.6267, 29.7113,
44.4813

■ 22.3326, 27.5796,
44.1913

■ 27.3497, 32.0958,
44.7986

■ 20.4376, 25.6830,
43.9251

■ 30.5235, 34.7426,
45.1422

■ 18.9123, 24.0069,
43.6819

■ 34.1718, 37.6649,
45.5139

■ 17.7219, 22.5328,
43.4602

■ 38.3155, 40.8737,
45.9149

■ 16.8245, 21.2391,
43.2577

■ 42.9746, 44.3797,
46.3461

■ 16.3863, 20.5484,
43.1475

■ 48.1677, 48.1926,
46.8083

■ 53.9126, 52.3218,
47.3026

■ 60.2263, 56.7765,
47.8296

■ 67.1248, 61.5650,
48.3903

Harmonies

Analogous

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



23.3786, 29.7113, 36.5184



24.6267, 29.7113, 44.4813



26.8866, 29.7113, 49.5536

Triad

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



24.6267, 29.7113, 44.4813



33.7384, 29.7113, 36.4514



26.8657, 29.7113, 19.6877

Complementary

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



24.6267, 29.7113, 44.4813



25.6311, 21.8969, 14.1857

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.



29.6375, 29.7113, 19.6758



24.6267, 29.7113, 44.4813



33.7318, 29.7113, 28.5125

Square

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



24.6267, 29.7113, 44.4813



32.2071, 29.7113, 44.4253



32.1898, 29.7113, 22.6540



24.6123, 29.7113, 22.6897

Rectangle

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



24.6267, 29.7113, 44.4813



28.7203, 29.7113, 50.1583



32.1898, 29.7113, 22.6540



27.7645, 29.7113, 19.3523

Sweetspot

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



24.6276, 29.7124, 44.4820



62.7092, 68.8899, 82.6288



23.0858, 34.0218, 21.1762



13.5966, 15.0429, 18.3313



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



24.6276, 29.7124, 44.4820



40.6276, 50.1405, 80.1737



19.1455, 18.7483, 42.6546



8.0841, 8.7675, 10.2189



11.9302, 14.9942, 31.3099



0.3686, 0.4905, 0.8832

Inverse Universe

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



27.8168, 19.9832, 34.2905



47.3574, 30.9574, 58.3657



30.8719, 32.3785, 15.9326



8.2602, 8.1173, 9.6813



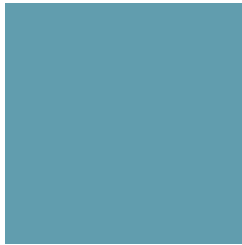
15.8854, 7.8167, 17.5740



0.4604, 0.2249, 0.5864

Previews

White Background



This preview shows how the XYZ color 24.6267, 29.7113, 44.4813 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 24.6267, 29.7113, 44.4813 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

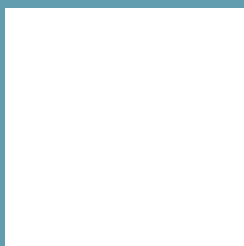
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.6267, 29.7113, 44.4813

Background



This preview shows how black text looks on a background with the XYZ color 24.6267, 29.7113, 44.4813.



This preview shows how white text looks on a background with the XYZ color 24.6267, 29.7113,

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

24.6267, 29.7113, 44.4813

Protanopia

28.7555, 29.2771, 40.6947

Deuteranopia

30.1218, 29.4167, 45.6854



Tritanopia

24.3064, 29.8428, 42.5094

Trichromacy



Original Color

24.6267, 29.7113, 44.4813

Protanomaly

26.9144, 29.2270, 42.2530

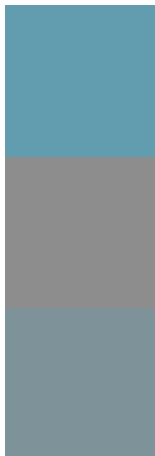
Deuteranomaly

27.6372, 29.2966, 45.2725

Tritanomaly

24.4014, 29.8808, 43.0096

Monochromacy



Original Color

24.6267, 29.7113, 44.4813

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

24.6409, 27.5273, 34.1516

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.6267, 29.7113, 44.4813 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(97, 157, 174)` looks like.

```
.text, #text, p{  
    color:rgb(97, 157, 174)  
}
```

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(97, 157, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 157, 174) }
```

Border

The CSS property to change the border of an element to XYZ 24.6267, 29.7113, 44.4813 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(97, 157, 174) }
```


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

```
.border{ border-color:rgb(97, 157, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 157, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 157, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 157, 174);  
box-shadow:4px 4px 4px 4px rgb(97, 157,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 24.6267, 29.7113, 44.4813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 157, 174) }
```

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

```
.background{ background-color: rgb(97, 157,  
174) }
```

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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