

Converting Colors

XYZ(24.4455, 27.7446, 73.0694)

Have a look what the booklet for
XYZ(24.4455, 27.7446, 73.0694)
contains.

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Color

**XYZ(24.4756, 27.7627,
73.1760)**

Conversions

Conversions Part 1

Format	Color
Hex	0598DE
RGB	5, 152, 222
RGB Percent	2%, 60%, 87%
CMY	0.9802, 0.4039, 0.1294
CMYK	0.98, 0.32, 0.00, 0.13
HSL	199°, 96%, 45%
HSV	199°, 98%, 87%
XYZ	24.4756, 27.7627, 73.1760
YIQ	116.0270, -110.0820, -9.3940

Conversions

Conversions Part 2

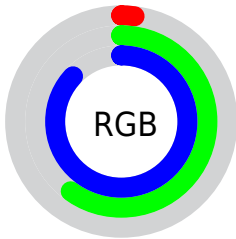
Format	Color
R _Y B	5, 93, 222
Decimal	366814
CIE Lab	59.67, -8.08, -44.71
CIE LCh	60, 45.438, 259.761
Yxy	27.7627, 0.1952, 0.2214
Android (android.graphics.Color)	4278556894 (0xFF0598DE)
YUV	116.0270, 52.2447, -97.3707
Hunter-Lab	52.6903, -9.2916, -45.4584

Details

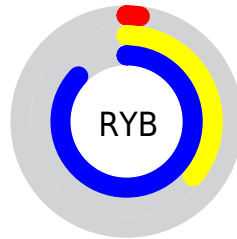
The XYZ color **24.4756, 27.7627, 73.1760** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **32.6715, 20.5795, 2.3953**, and the grayscale version is **16.4828, 17.3412, 18.8845**.

A 20% lighter version of the original color is **45.9470, 54.3659, 102.6797**, and **11.5366, 12.0605, 37.7963** is the 20% darker color. If you saturate the color by 10%, you get **24.1508, 27.2058, 73.0862**, and if you desaturate by 10%, it is **26.0700, 30.3633, 73.5945**.

Distribution



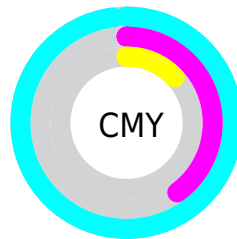
- Red (2%)
- Green (60%)
- Blue (87%)



- Red (2%)
- Yellow (36%)
- Blue (87%)



- Cyan (98%)
- Magenta (32%)
- Yellow (0%)
- Black (13%)



- Cyan (98%)
- Magenta (40%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.4756, 27.7627, 73.1760 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 24.4756, 27.7627, 73.1760 by changing the saturation by 10% instead.

■ 24.4756, 27.7627,
73.1760

■ 24.4756, 27.7627,
73.1760

267.6123,
291.3313, 490.7117

■ 15.8134, 18.1469,
53.6272

■ 50.2543, 56.1054,
125.4503

■ 9.4822, 11.0555,
37.9125

■ 68.1015, 75.6010,
159.0128

■ 5.1167, 6.1042,
25.6135

■ 89.7410, 99.1586,
198.0837

■ 2.3513, 2.9085,
16.3116

■ 115.5384,
127.1627, 243.0814

■ 0.8207, 1.0842,
9.5882

■ 145.8588,
159.9976, 294.4245

■ 0.0000, 0.0000,
5.0247

181.0677,

■ 0.0000, 0.0000,

198.0477, 352.5316

2.2028

221.5304,
241.6975, 417.8211

■ 0.0000, 0.0000,
0.6760

■ 0.0000, 0.0000,
0.0000

■ 24.4756, 27.7627,
73.1760

■ 24.4756, 27.7627,
73.1760

■ 24.1508, 27.2058,
73.0862

■ 26.0700, 30.3633,
73.5945

■ 28.1691, 33.3298,
74.0565

■ 30.8691, 36.7137,
74.5674

■ 34.2390, 40.5525,
75.1307

■ 38.3379, 44.8782,
75.7496

■ 43.2178, 49.7192,
76.4268

■ 48.9260, 55.1015,
77.1648

■ 55.5054, 61.0488,
77.9660

■ 62.9961, 67.5832,
78.8325

Harmonies

Analogous

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



19.8859, 27.7627, 61.3145



24.4756, 27.7627, 73.1760



30.2944, 27.7627, 70.7567

Triad

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



24.4756, 27.7627, 73.1760



38.1858, 27.7627, 20.7588



18.8330, 27.7627, 14.0730

Complementary

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



24.4756, 27.7627, 73.1760



32.6715, 20.5795, 2.3953

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.



22.8320, 27.7627, 9.1838



24.4756, 27.7627, 73.1760



34.1714, 27.7627, 11.9615

Square

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



24.4756, 27.7627, 73.1760



38.7952, 27.7627, 36.1973



28.3967, 27.7627, 8.5841



16.9553, 27.7627, 24.9555

Rectangle

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



24.4756, 27.7627, 73.1760



34.0878, 27.7627, 61.5859



28.3967, 27.7627, 8.5841



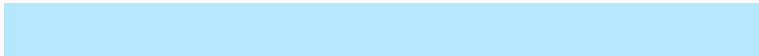
19.9442, 27.7627, 11.8706

Sweetspot

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



24.4767, 27.7636, 73.1767



65.7329, 74.2801, 105.4807



27.4124, 52.7667, 15.1748



13.3362, 15.2117, 22.4832



0.0000, 0.0000, 0.0000



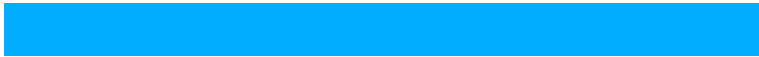
20.3446, 21.4041, 23.3091

Same Dimension

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



24.4767, 27.7636, 73.1767



32.9408, 37.0017, 100.0136



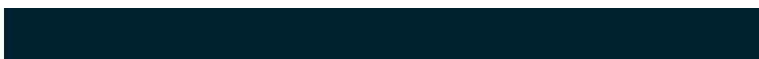
14.1798, 7.1699, 69.7444



13.7243, 14.7877, 17.5187



14.4498, 16.3692, 43.4463



1.0816, 1.2948, 3.0381

Inverse Universe

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



35.8469, 17.9064, 31.2735



48.7562, 24.2665, 41.5098



46.9265, 49.0895, 7.1469



14.0971, 13.8565, 16.2813



21.2338, 10.5605, 18.4287



1.5122, 0.7482, 1.4902

Previews

White Background



This preview shows how the XYZ color 24.4756, 27.7627, 73.1760 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 24.4756, 27.7627, 73.1760 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

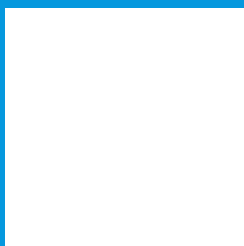
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.4756, 27.7627, 73.1760

Background



This preview shows how black text looks on a background with the XYZ color 24.4756, 27.7627, 73.1760.

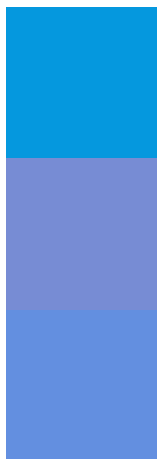


This preview shows how white text looks on a background with the XYZ color 24.4756, 27.7627,

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

24.4756, 27.7627, 73.1760

Protanopia

28.8695, 27.4316, 66.0606

Deuteranopia

28.4226, 27.6794, 74.3656



Tritanopia

19.7488, 27.7365, 42.8409

Trichromacy



Original Color

24.4756, 27.7627, 73.1760

Protanomaly

25.5098, 26.5241, 68.7409

Deuteranomaly

25.7781, 27.0093, 73.6667

Tritanomaly

21.2078, 27.5075, 52.9069

Monochromacy



Original Color

24.4756, 27.7627, 73.1760

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

16.7471, 19.6036, 33.9115

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.4756, 27.7627, 73.1760 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(5, 152, 222)` looks like.

```
.text, #text, p{  
    color:rgb(5, 152, 222)  
}
```

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(5, 152, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 152, 222) }
```

Border

The CSS property to change the border of an element to XYZ 24.4756, 27.7627, 73.1760 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(5, 152, 222) }
```


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

```
.border{ border-color:rgb(5, 152, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(5, 152, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 152, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(5, 152, 222);  
box-shadow:4px 4px 4px 4px rgb(5, 152,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 24.4756, 27.7627, 73.1760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 152, 222) }
```

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

```
.background{ background-color: rgb(5, 152,  
222) }
```

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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