

Converting Colors

XYZ(20.1950, 27.5307, 76.6541)

Have a look what the booklet for
XYZ(20.1950, 27.5307, 76.6541)
contains.

XYZ(26.4359, 30.6877, 77.2030)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(26.4359, 30.6877,
77.2030)**

Conversions

Conversions Part 1

Format	Color
Hex	00A0E3
RGB	0, 160, 227
RGB Percent	0%, 63%, 89%
CMY	0.9998, 0.3725, 0.1098
CMYK	1.00, 0.30, 0.00, 0.11
HSL	198°, 100%, 45%
HSV	198°, 100%, 89%
XYZ	26.4359, 30.6877, 77.2030
YIQ	119.7980, -116.8670, -13.0830

Conversions

Conversions Part 2

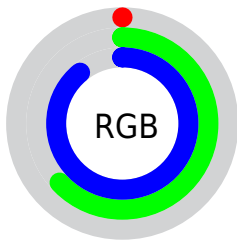
Format	Color
RYB	0, 94, 227
Decimal	41187
CIELab	62.24, -10.88, -43.44
CIELCh	62, 44.781, 255.944
Yxy	30.6877, 0.1968, 0.2285
Android (android.graphics.Color)	4278231267 (0xFF00A0E3)
YUV	119.7980, 52.8506, -105.0628
Hunter-Lab	55.3965, -11.7614, -43.8516

Details

The XYZ color **26.4359, 30.6877, 77.2030** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle washed azure. A complement of this color would be **33.6894, 20.3517, 2.1542**, and the grayscale version is **17.6571, 18.5767, 20.2300**.

A 20% lighter version of the original color is **48.1761, 58.8241, 103.4228**, and **12.8193, 13.8776, 40.5311** is the 20% darker color. If you saturate the color by 10%, you get **26.4336, 30.6829, 77.2028**, and if you desaturate by 10%, it is **27.9774, 33.2542, 77.6178**.

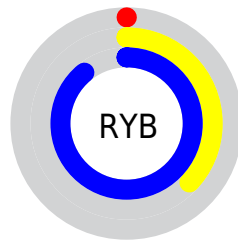
Distribution



Red (0%)

Green (63%)

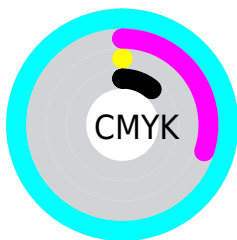
Blue (89%)



Red (0%)

Yellow (37%)

Blue (89%)

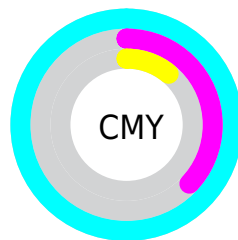


Cyan (100%)

Magenta (30%)

Yellow (0%)

Black (11%)



Cyan (100%)

Magenta (37%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.4359, 30.6877, 77.2030 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 26.4359, 30.6877, 77.2030 by changing the saturation by 10% instead.

■ 26.4359, 30.6877,
77.2030

■ 26.4359, 30.6877,
77.2030

277.1330,
305.0970, 504.9119

■ 17.2844, 20.3612,
56.9069

■ 53.4036, 60.7480,
131.2016

■ 10.5340, 12.6578,
40.5217

■ 71.9506, 81.2506,
165.7413

■ 5.8194, 7.1934,
27.6286

■ 94.3601, 105.9140,
205.8659

■ 2.7752, 3.5833,
17.8093

■ 120.9975,
135.1226, 251.9939

■ 1.0360, 1.4433,
10.6451

■ 152.2281,
169.2608, 304.5440

■ 0.0000, 0.2483,
5.7176

188.4173,

■ 0.0000, 0.0000,

208.7130, 363.9347

2.6081

229.9305,
253.8636, 430.5845

■ 0.0000, 0.0000,
0.8967

■ 0.0000, 0.0000,
0.0000

■ 26.4359, 30.6877,
77.2030

■ 26.4359, 30.6877,
77.2030

■ 26.4336, 30.6829,
77.2028

■ 27.9774, 33.2542,
77.6178

■ 29.9888, 36.1570,
78.0721

■ 32.6026, 39.4660,
78.5730

■ 35.8948, 43.2220,
79.1245

■ 39.9296, 47.4592,
79.7297

■ 44.7630, 52.2079,
80.3915

■ 50.4458, 57.4955,
81.1126

■ 57.0240, 63.3470,
81.8954

■ 64.5404, 69.7856,
82.7420

Harmonies

Analogous

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



21.8115, 30.6877, 63.4861



26.4359, 30.6877, 77.2030



32.4772, 30.6877, 76.7081

Triad

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



26.4359, 30.6877, 77.2030



41.8267, 30.6877, 25.0811



21.5892, 30.6877, 15.2053

Complementary

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



26.4359, 30.6877, 77.2030



33.6894, 20.3517, 2.1542

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.



26.0911, 30.6877, 10.5442



26.4359, 30.6877, 77.2030



38.0160, 30.6877, 14.7512

Square

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



26.4359, 30.6877, 77.2030



41.9528, 30.6877, 42.1643



32.0816, 30.6877, 10.4132



19.2862, 30.6877, 25.9661

Rectangle

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



26.4359, 30.6877, 77.2030



36.5333, 30.6877, 68.2417



32.0816, 30.6877, 10.4132



22.8653, 30.6877, 13.0655

Sweetspot

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



26.4370, 30.6887, 77.2038



65.4988, 74.6918, 105.5726



28.4055, 55.3132, 14.0831



13.3200, 15.3446, 22.5097



0.0000, 0.0000, 0.0000



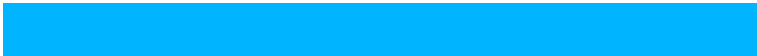
20.3446, 21.4041, 23.3091

Same Dimension

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



26.4370, 30.6887, 77.2038



34.3146, 39.7493, 100.4715



14.9737, 7.7620, 73.3827



14.4293, 15.5800, 18.3911



15.5219, 18.1060, 45.0599



1.2267, 1.4974, 3.3563

Inverse Universe

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



38.0247, 18.8703, 34.8968



49.4496, 24.5439, 45.1614



47.5655, 48.1039, 6.7796



14.8043, 14.5389, 17.1698



22.2283, 11.0255, 20.6288



1.6828, 0.8308, 1.7362

Previews

White Background



This preview shows how the XYZ color 26.4359, 30.6877, 77.2030 looks on a white background.

Color Contrast Check

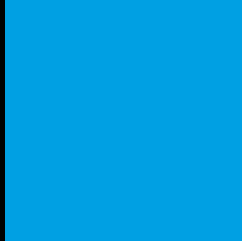
Large Text (above 18pt) WCAG AA × Fail

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 26.4359, 30.6877, 77.2030 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 ✓ Pass

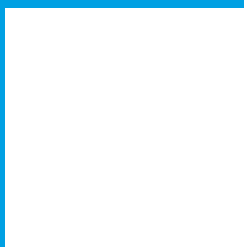
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.4359, 30.6877, 77.2030

Background



This preview shows how black text looks on a background with the XYZ color 26.4359, 30.6877, 77.2030.



This preview shows how white text looks on a background with the XYZ color 26.4359, 30.6877,

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

26.4359, 30.6877, 77.2030

Protanopia

31.5808, 30.3373, 69.1570

Deuteranopia

31.4608, 30.5231, 79.0963



Tritanopia

21.7729, 30.5271, 47.3926

Trichromacy



Original Color

26.4359, 30.6877, 77.2030



Protanomaly

27.5398, 29.3731, 71.9282



Deuteranomaly

28.0599, 29.7417, 78.3905



Tritanomaly

23.2393, 30.5364, 56.8938

Monochromacy



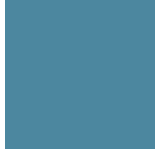
Original Color

26.4359, 30.6877, 77.2030



Achromatopsia

17.8524, 18.7821, 20.4537



Achromatomaly

17.9025, 21.3676, 35.9817

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4359, 30.6877, 77.2030 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(0, 160, 227)` looks like.

```
.text, #text, p{  
    color:rgb(0, 160, 227)  
}
```

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(0, 160, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 160, 227) }
```

Border

The CSS property to change the border of an element to XYZ 26.4359, 30.6877, 77.2030 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(0, 160, 227) }
```


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

```
.border{ border-color:rgb(0, 160, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 160, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 160, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 160, 227);  
box-shadow:4px 4px 4px 4px rgb(0, 160,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 26.4359, 30.6877, 77.2030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 160, 227) }
```

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

```
.background{ background-color: rgb(0, 160,  
227) }
```

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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