

Converting Colors

XYZ(19.6851, 27.2851, 74.5324)

Have a look what the booklet for
XYZ(19.6851, 27.2851, 74.5324)
contains.

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Color

**XYZ(26.0254, 30.5234,
75.0409)**

Conversions

Conversions Part 1

Format	Color
Hex	00A0E0
RGB	0, 160, 224
RGB Percent	0%, 63%, 88%
CMY	0.9997, 0.3725, 0.1216
CMYK	1.00, 0.29, 0.00, 0.12
HSL	197°, 100%, 44%
HSV	197°, 100%, 88%
XYZ	26.0254, 30.5234, 75.0409
YIQ	119.4560, -115.9040, -14.0160

Conversions

Conversions Part 2

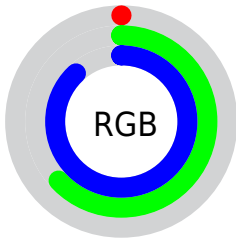
Format	Color
RYB	0, 93, 224
Decimal	41184
CIELab	62.10, -11.97, -42.00
CIELCh	62, 43.674, 254.091
Yxy	30.5234, 0.1978, 0.2320
Android (android.graphics.Color)	4278231264 (0xFF00A0E0)
YUV	119.4560, 51.5402, -104.7629
Hunter-Lab	55.2480, -12.5989, -41.8574

Details

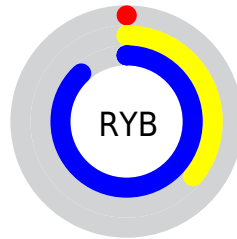
The XYZ color **26.0254, 30.5234, 75.0409** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle washed azure. A complement of this color would be **32.5781, 19.5215, 2.0528**, and the grayscale version is **17.5534, 18.4676, 20.1112**.

A 20% lighter version of the original color is **48.1761, 58.8241, 103.4228**, and **12.5365, 13.7644, 39.0418** is the 20% darker color. If you saturate the color by 10%, you get **26.0225, 30.5176, 75.0406**, and if you desaturate by 10%, it is **27.5055, 32.9770, 75.4371**.

Distribution



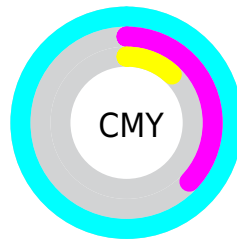
- Red (0%)
- Green (63%)
- Blue (88%)



- Red (0%)
- Yellow (36%)
- Blue (88%)



- Cyan (100%)
- Magenta (29%)
- Yellow (0%)
- Black (12%)



- Cyan (100%)
- Magenta (37%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.0254, 30.5234, 75.0409 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 26.0254, 30.5234, 75.0409 by changing the saturation by 10% instead.

■ 26.0254, 30.5234,
75.0409

■ 26.0254, 30.5234,
75.0409

■ 275.1612,
304.3366, 497.3173

■ 16.9754, 20.2362,
55.1445

■ 52.7469, 60.4889,
128.1179

■ 10.3122, 12.5669,
39.1180

■ 71.1492, 80.9360,
162.1355

■ 5.6703, 7.1310,
26.5430

■ 93.3996, 105.5386,
201.6973

■ 2.6844, 3.5441,
17.0009

■ 119.8635,
134.6810, 247.2218

■ 0.9891, 1.4220,
10.0732

■ 150.9062,
168.7476, 299.1275

■ 0.0000, 0.2328,
5.3413

186.8932,

■ 0.0000, 0.0000,

208.1228, 357.8329

2.3866

228.1897,
253.1910, 423.7567

■ 0.0000, 0.0000,
0.7792

■ 0.0000, 0.0000,
0.0000

■ 26.0254, 30.5234,
75.0409

■ 26.0254, 30.5234,
75.0409

■ 26.0225, 30.5176,
75.0406

■ 27.5055, 32.9770,
75.4371

■ 29.4371, 35.7491,
75.8704

■ 31.9492, 38.9077,
76.3477

■ 35.1151, 42.4918,
76.8726

■ 38.9969, 46.5347,
77.4484

■ 43.6488, 51.0653,
78.0777

■ 49.1197, 56.1100,
78.7631

■ 55.4542, 61.6929,
79.5068

■ 62.6935, 67.8363,
80.3110

Harmonies

Analogous

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



21.6342, 30.5234, 61.1941



26.0254, 30.5234, 75.0409



31.8483, 30.5234, 75.4987

Triad

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



26.0254, 30.5234, 75.0409



41.3986, 30.5234, 25.9672



21.8431, 30.5234, 14.9996

Complementary

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



26.0254, 30.5234, 75.0409



32.5781, 19.5215, 2.0528

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.



26.3485, 30.5234, 10.7026



26.0254, 30.5234, 75.0409



37.9002, 30.5234, 15.4304

Square

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



26.0254, 30.5234, 75.0409



41.2812, 30.5234, 42.9098



32.2179, 30.5234, 10.8278



19.4514, 30.5234, 25.1358

Rectangle

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



26.0254, 30.5234, 75.0409



35.8117, 30.5234, 67.8508



32.2179, 30.5234, 10.8278



23.1319, 30.5234, 13.0041

Sweetspot

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



26.0265, 30.5244, 75.0417



65.7027, 75.0996, 105.6405



27.5683, 53.6768, 13.6858



13.3689, 15.4424, 22.5260



0.0000, 0.0000, 0.0000



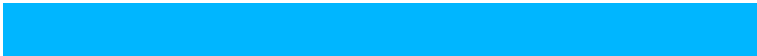
20.3446, 21.4041, 23.3091

Same Dimension

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



26.0265, 30.5244, 75.0417



34.8031, 40.7263, 100.6344



14.5365, 7.5443, 71.2117



13.7683, 14.8757, 17.5333



15.2496, 17.9687, 43.7129



1.1323, 1.3960, 3.0550

Inverse Universe

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



37.0867, 18.3869, 34.8527



49.6962, 24.6425, 46.4598



46.1649, 46.6952, 6.5818



14.1193, 13.8653, 16.3983



21.6375, 10.7220, 20.5546



1.5378, 0.7584, 1.6247

Previews

White Background



This preview shows how the XYZ color 26.0254, 30.5234, 75.0409 looks on a white background.

Color Contrast Check

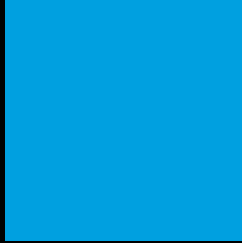
Large Text (above 18pt) WCAG AA × Fail

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 26.0254, 30.5234, 75.0409 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

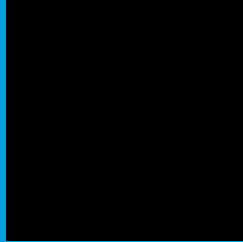
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 26.0254, 30.5234, 75.0409

Background



This preview shows how black text looks on a background with the XYZ color 26.0254, 30.5234, 75.0409.



This preview shows how white text looks on a background with the XYZ color 26.0254, 30.5234,

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

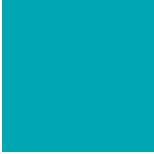
26.0254, 30.5234, 75.0409

Protanopia

31.3460, 30.2607, 67.1396

Deuteranopia

31.2947, 30.4857, 76.9080



Tritanopia

21.6721, 30.4868, 46.8618

Trichromacy



Original Color

26.0254, 30.5234, 75.0409



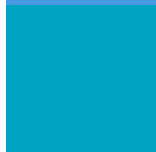
Protanomaly

27.1460, 29.2156, 69.8541



Deuteranomaly

27.7172, 29.6130, 76.2065



Tritanomaly

23.1258, 30.4910, 56.2963

Monochromacy



Original Color

26.0254, 30.5234, 75.0409



Achromatopsia

17.5343, 18.4475, 20.0893



Achromatomaly

17.5914, 21.0210, 35.0286

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.0254, 30.5234, 75.0409 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, 224)` looks like.

```
.text, #text, p{  
    color:rgb(0, 160, 224)  
}
```

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, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 160, 224) }
```

Border

The CSS property to change the border of an element to XYZ 26.0254, 30.5234, 75.0409 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, 224) }
```


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

```
.border{ border-color:rgb(0, 160, 224) }
```

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, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 160, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 160, 224);  
box-shadow:4px 4px 4px 4px rgb(0, 160,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 26.0254, 30.5234, 75.0409 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, 224) }
```

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

```
.background{ background-color: rgb(0, 160,  
224) }
```

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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