

Converting Colors

XYZ(26.0750, 27.1271, 74.3750)

Have a look what the booklet for
XYZ(26.0750, 27.1271, 74.3750)
contains.

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Color

**XYZ(26.1173, 27.1685,
74.3885)**

Conversions

Conversions Part 1

Format	Color
Hex	4492E0
RGB	68, 146, 224
RGB Percent	27%, 57%, 88%
CMY	0.7333, 0.4274, 0.1216
CMYK	0.70, 0.35, 0.00, 0.12
HSL	210°, 72%, 57%
HSV	210°, 70%, 88%
XYZ	26.1173, 27.1685, 74.3885
YIQ	131.5700, -71.5260, 7.7220

Conversions

Conversions Part 2

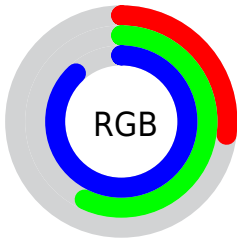
Format	Color
R _{YB}	68, 120, 224
Decimal	4494048
CIE Lab	59.13, 1.23, -46.61
CIE LCh	59, 46.630, 271.507
Yxy	27.1685, 0.2046, 0.2128
Android (android.graphics.Color)	4282684128 (0xFF4492E0)
YUV	131.5700, 45.5680, -55.7509
Hunter-Lab	52.1234, -1.7756, -48.1300

Details

The XYZ color **26.1173, 27.1685, 74.3885** is a light color, and the websafe version is hex **3399FF**. The color can be described as light muted azure. A complement of this color would be **42.0647, 36.8254, 10.3614**, and the grayscale version is **21.6388, 22.7657, 24.7919**.

A 20% lighter version of the original color is **48.2200, 53.4341, 102.3801**, and **11.2508, 11.1929, 38.6133** is the 20% darker color. If you saturate the color by 10%, you get **23.2001, 23.2261, 73.7819**, and if you desaturate by 10%, it is **29.8023, 31.7585, 75.0808**.

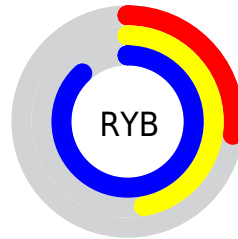
Distribution



Red (27%)

Green (57%)

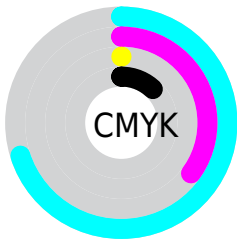
Blue (88%)



Red (27%)

Yellow (47%)

Blue (88%)

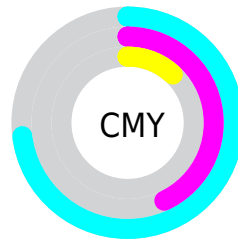


Cyan (70%)

Magenta (35%)

Yellow (0%)

Black (12%)



Cyan (73%)

Magenta (43%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.1173, 27.1685, 74.3885 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 26.1173, 27.1685, 74.3885 by changing the saturation by 10% instead.

■ 26.1173, 27.1685,
74.3885

■ 26.1173, 27.1685,
74.3885

275.6036,
288.4720, 495.0124

■ 17.0446, 17.6998,
54.6134

■ 52.8941, 55.1541,
127.1855

■ 10.3618, 10.7347,
38.6957

■ 71.3288, 74.4399,
161.0444

■ 5.7036, 5.8887,
26.2171

■ 93.6149, 97.7668,
200.4351

■ 2.7046, 2.7775,
16.7589

■ 120.1178,
125.5192, 245.7759

■ 0.9996, 1.0167,
9.9026

151.2027,
158.0815, 297.4855

■ 0.0000, 0.0000,
5.2297

187.2351,

■ 0.0000, 0.0000,

195.8382, 355.9824

2.3216

228.5802,
239.1735, 421.6852

■ 0.0000, 0.0000,
0.7433

■ 0.0000, 0.0000,
0.0000

■ 26.1173, 27.1685,
74.3885

■ 26.1173, 27.1685,
74.3885

■ 23.2001, 23.2261,
73.7819

■ 29.8023, 31.7585,
75.0808

■ 20.9705, 19.8818,
73.2539

■ 34.3174, 37.0342,
75.8612

■ 19.3032, 17.0639,
72.7978

■ 39.7214, 43.0327,
76.7342

■ 19.2483, 16.9691,
72.7824

■ 46.0667, 49.7876,
77.7036

■ 53.4010, 57.3295,
78.7727

■ 61.7688, 65.6874,
79.9449

■ 71.2117, 74.8885,
81.2232

■ 81.7688, 84.9586,
82.6105

■ 87.8963, 93.0452,
83.8485

Harmonies

Analogous

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



20.8585, 27.1685, 67.4790



26.1173, 27.1685, 74.3885



32.1021, 27.1685, 66.0336

Triad

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



26.1173, 27.1685, 74.3885



36.5486, 27.1685, 15.8303



17.2074, 27.1685, 16.8090

Complementary

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



26.1173, 27.1685, 74.3885



42.0647, 36.8254, 10.3614

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.



20.4210, 27.1685, 9.8490



26.1173, 27.1685, 74.3885



31.5182, 27.1685, 9.4509

Square

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



26.1173, 27.1685, 74.3885



38.6560, 27.1685, 28.7497



25.5306, 27.1685, 7.7599



16.1999, 27.1685, 30.4300

Rectangle

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



26.1173, 27.1685, 74.3885



35.5745, 27.1685, 54.2543



25.5306, 27.1685, 7.7599



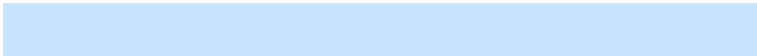
18.0391, 27.1685, 13.8201

Sweetspot

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



26.1183, 27.1694, 74.3892



70.0635, 75.3099, 105.4513



34.2292, 56.6165, 36.3203



14.3939, 15.5037, 22.4838



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.



26.1183, 27.1694, 74.3892



29.5299, 28.8342, 98.6169



17.9069, 10.7466, 71.6521



13.5154, 14.3699, 17.4490



11.3188, 10.1073, 42.4027



0.8741, 0.8797, 2.9690

Inverse Universe

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



37.9969, 22.0582, 29.4498



47.3630, 24.9669, 30.2961



58.4403, 69.5766, 15.8199



13.9916, 13.8143, 15.7260



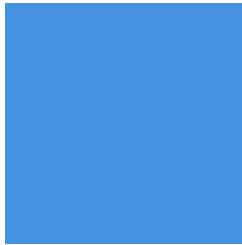
19.6534, 9.9284, 10.1067



1.4075, 0.7063, 0.9386

Previews

White Background



This preview shows how the XYZ color 26.1173, 27.1685, 74.3885 looks on a white background.

Color Contrast Check

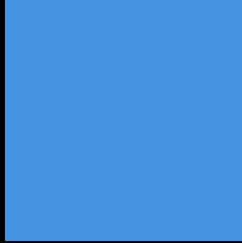
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.1173, 27.1685, 74.3885 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 26.1173, 27.1685, 74.3885

Background



This preview shows how black text looks on a background with the XYZ color 26.1173, 27.1685, 74.3885.

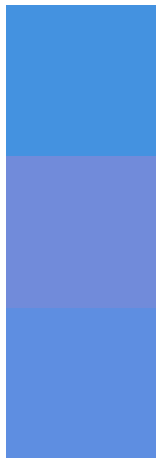


This preview shows how white text looks on a background with the XYZ color 26.1173, 27.1685,

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

26.1173, 27.1685, 74.3885

Protanopia

28.6976, 27.0379, 70.0360

Deuteranopia

27.8797, 27.1619, 75.0075



Tritanopia

19.6435, 27.1868, 42.2425

Trichromacy



Original Color

26.1173, 27.1685, 74.3885

Protanomaly

27.5210, 27.0547, 71.4817

Deuteranomaly

27.1594, 27.0125, 75.0166

Tritanomaly

21.5222, 26.9315, 52.7792

Monochromacy



Original Color

26.1173, 27.1685, 74.3885

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

22.0439, 23.8591, 39.0407

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.1173, 27.1685, 74.3885 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(68, 146, 224)` looks like.

```
.text, #text, p{  
    color:rgb(68, 146, 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(68, 146, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 146, 224) }
```

Border

The CSS property to change the border of an element to XYZ 26.1173, 27.1685, 74.3885 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(68, 146, 224) }
```


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

```
.border{ border-color:rgb(68, 146, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 146, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 146, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 146, 224);  
box-shadow:4px 4px 4px 4px rgb(68, 146,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 26.1173, 27.1685, 74.3885 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 146, 224) }
```

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

```
.background{ background-color: rgb(68, 146,  
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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