

Converting Colors

XYZ(26.8319, 30.5502, 72.5293)

Have a look what the booklet for
XYZ(26.8319, 30.5502, 72.5293)
contains.

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Color

**XYZ(26.7207, 30.4333,
72.1760)**

Conversions

Conversions Part 1

Format	Color
Hex	379EDC
RGB	55, 158, 220
RGB Percent	22%, 62%, 86%
CMY	0.7843, 0.3804, 0.1373
CMYK	0.75, 0.28, 0.00, 0.14
HSL	203°, 70%, 54%
HSV	203°, 75%, 86%
XYZ	26.7207, 30.4333, 72.1760
YIQ	134.2710, -81.2900, -2.5540

Conversions

Conversions Part 2

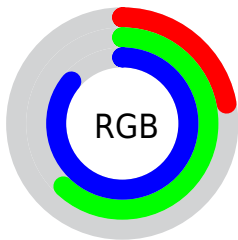
Format	Color
RYB	55, 118, 220
Decimal	3645148
CIELab	62.03, -8.77, -39.86
CIELCh	62, 40.811, 257.585
Yxy	30.4333, 0.2066, 0.2353
Android (android.graphics.Color)	4281835228 (0xFF379EDC)
YUV	134.2710, 42.2644, -69.5207
Hunter-Lab	55.1664, -10.0819, -38.9546

Details

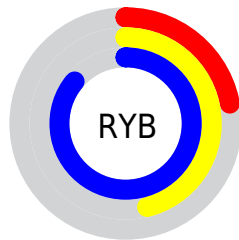
The XYZ color **26.7207, 30.4333, 72.1760** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle muted azure. A complement of this color would be **36.5679, 28.2169, 7.1351**, and the grayscale version is **22.6321, 23.8108, 25.9299**.

A 20% lighter version of the original color is **49.7619, 58.5179, 103.2801**, and **12.0492, 13.2320, 37.5163** is the 20% darker color. If you saturate the color by 10%, you get **24.4101, 27.2191, 71.6780**, and if you desaturate by 10%, it is **29.6651, 34.1160, 72.7323**.

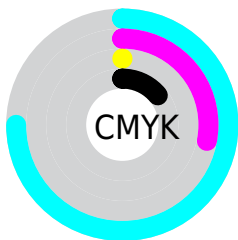
Distribution



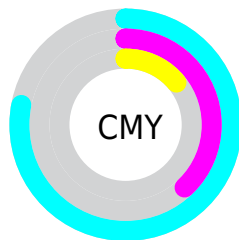
- Red (22%)
- Green (62%)
- Blue (86%)



- Red (22%)
- Yellow (46%)
- Blue (86%)



- Cyan (75%)
- Magenta (28%)
- Yellow (0%)
- Black (14%)



- Cyan (78%)
- Magenta (38%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.7207, 30.4333, 72.1760 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 26.7207, 30.4333, 72.1760 by changing the saturation by 10% instead.

■ 26.7207, 30.4333,
72.1760

■ 26.7207, 30.4333,
72.1760

278.4945,
303.9190, 487.1480

■ 17.4991, 20.1677,
52.8147

■ 53.8584, 60.3467,
124.0168

■ 10.6885, 12.5170,
37.2682

■ 72.5052, 80.7634,
157.3334

■ 5.9235, 7.0968,
25.1178

■ 95.0244, 105.3325,
196.1388

■ 2.8388, 3.5227,
15.9450

■ 121.7815,
134.4385, 240.8517

■ 1.0691, 1.4103,
9.3313

■ 153.1416,
168.4657, 291.8905

■ 0.0000, 0.2243,
4.8582

189.4703,

■ 0.0000, 0.0000,

207.7986, 349.6738

2.1070

231.1328,
252.8216, 414.6201

■ 0.0000, 0.0000,
0.6199

■ 0.0000, 0.0000,
0.0000

■ 26.7207, 30.4333,
72.1760

■ 26.7207, 30.4333,
72.1760

■ 24.4101, 27.2191,
71.6780

■ 29.6651, 34.1160,
72.7323

■ 22.6506, 24.4266,
71.2317

■ 33.3052, 38.3004,
73.3481

■ 21.9110, 23.1525,
71.0248

■ 37.6983, 43.0191,
74.0274

■ 42.8945, 48.3005,
74.7729

■ 48.9393, 54.1704,
75.5873

■ 55.8747, 60.6530,
76.4730

■ 63.7396, 67.7707,
77.4324

■ 72.5706, 75.5445,
78.4674

■ 82.4022, 83.9946,
79.5803

Harmonies

Analogous

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



22.3890, 30.4333, 60.7599



26.7207, 30.4333, 72.1760



32.2254, 30.4333, 70.9992

Triad

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



26.7207, 30.4333, 72.1760



40.1697, 30.4333, 24.8350



21.8275, 30.4333, 16.6741

Complementary

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



26.7207, 30.4333, 72.1760



36.5679, 28.2169, 7.1351

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.



25.8598, 30.4333, 11.9009



26.7207, 30.4333, 72.1760



36.6255, 30.4333, 15.4864

Square

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



26.7207, 30.4333, 72.1760



40.4765, 30.4333, 40.0520



31.2493, 30.4333, 11.5487



19.8127, 30.4333, 27.0670

Rectangle

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



26.7207, 30.4333, 72.1760



35.8357, 30.4333, 63.2399



31.2493, 30.4333, 11.5487



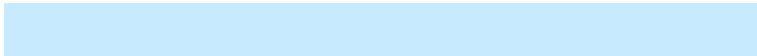
22.9669, 30.4333, 14.5235

Sweetspot

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



26.7218, 30.4343, 72.1768



70.9764, 78.1479, 105.9509



30.2935, 53.2490, 25.0548



14.6512, 16.2149, 22.6075



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.



26.7218, 30.4343, 72.1768



32.6066, 35.7195, 99.7837



17.1492, 11.2892, 68.9859



13.0124, 13.9645, 16.6617



12.9695, 13.8085, 41.7201



0.9221, 1.0582, 2.7301

Inverse Universe

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



37.0540, 20.4180, 34.3368



48.7373, 24.8324, 39.6421



50.4000, 55.8810, 11.7457



13.3961, 13.1875, 15.3472



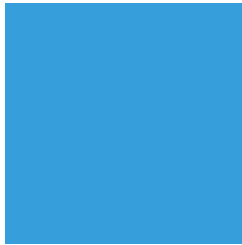
20.0418, 10.0177, 15.1318



1.3397, 0.6655, 1.1978

Previews

White Background



This preview shows how the XYZ color 26.7207, 30.4333, 72.1760 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 26.7207, 30.4333, 72.1760 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 ✓ Pass

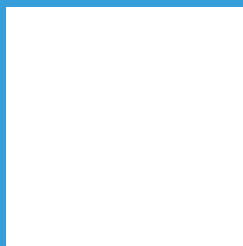
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.7207, 30.4333, 72.1760

Background



This preview shows how black text looks on a background with the XYZ color 26.7207, 30.4333, 72.1760.

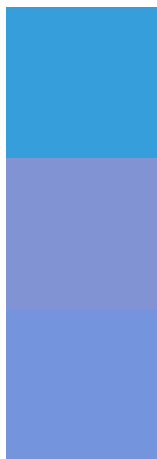


This preview shows how white text looks on a background with the XYZ color 26.7207, 30.4333,

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

26.7207, 30.4333, 72.1760

Protanopia

31.2449, 30.2377, 65.8177

Deuteranopia

30.9772, 30.1667, 73.2973



Tritanopia

21.5918, 30.1649, 47.3322

Trichromacy



Original Color

26.7207, 30.4333, 72.1760

Protanomaly

28.6837, 29.8130, 67.8610

Deuteranomaly

28.8955, 30.0566, 72.6852

Tritanomaly

22.9464, 29.8844, 55.5978

Monochromacy



Original Color

26.7207, 30.4333, 72.1760

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

22.4397, 25.3648, 39.3105

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.7207, 30.4333, 72.1760 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(55, 158, 220)` looks like.

```
.text, #text, p{  
    color:rgb(55, 158, 220)  
}
```

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(55, 158, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 158, 220) }
```

Border

The CSS property to change the border of an element to XYZ 26.7207, 30.4333, 72.1760 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(55, 158, 220) }
```


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

```
.border{ border-color:rgb(55, 158, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 158, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 158, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 158, 220);  
box-shadow:4px 4px 4px 4px rgb(55, 158,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 26.7207, 30.4333, 72.1760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 158, 220) }
```

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

```
.background{ background-color: rgb(55, 158,  
220) }
```

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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