

Converting Colors

XYZ(24.2237, 26.8297, 70.9206)

Have a look what the booklet for
XYZ(24.2237, 26.8297, 70.9206)
contains.

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Color

**XYZ(24.1754, 26.7064,
70.8985)**

Conversions

Conversions Part 1

Format	Color
Hex	2694DB
RGB	38, 148, 219
RGB Percent	15%, 58%, 86%
CMY	0.8509, 0.4196, 0.1412
CMYK	0.83, 0.32, 0.00, 0.14
HSL	204°, 72%, 50%
HSV	204°, 83%, 86%
XYZ	24.1754, 26.7064, 70.8985
YIQ	123.2040, -88.3510, -1.2390

Conversions

Conversions Part 2

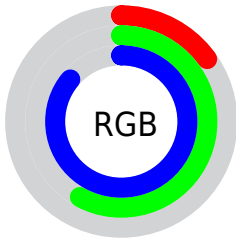
Format	Color
R _Y B	38, 106, 219
Decimal	2528475
CIE Lab	58.70, -5.19, -44.55
CIE LCh	59, 44.855, 263.353
Yxy	26.7064, 0.1985, 0.2193
Android (android.graphics.Color)	4280718555 (0xFF2694DB)
YUV	123.2040, 47.2274, -74.7239
Hunter-Lab	51.6782, -6.9335, -45.1665

Details

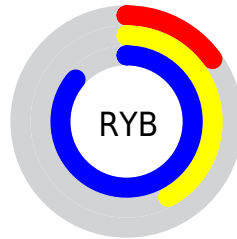
The XYZ color **24.1754, 26.7064, 70.8985** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle washed azure. A complement of this color would be **35.0341, 26.1409, 5.0343**, and the grayscale version is **18.7659, 19.7432, 21.5004**.

A 20% lighter version of the original color is **46.1100, 53.0385, 102.4149**, and **11.0685, 11.4157, 36.7420** is the 20% darker color. If you saturate the color by 10%, you get **22.2941, 23.8100, 70.4392**, and if you desaturate by 10%, it is **26.6330, 30.0491, 71.4147**.

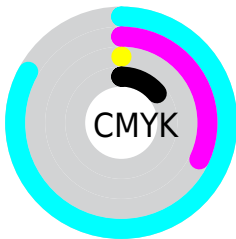
Distribution



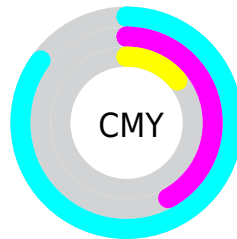
- Red (15%)
- Green (58%)
- Blue (86%)



- Red (15%)
- Yellow (42%)
- Blue (86%)



- Cyan (83%)
- Magenta (32%)
- Yellow (0%)
- Black (14%)



- Cyan (85%)
- Magenta (42%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.1754, 26.7064, 70.8985 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 24.1754, 26.7064, 70.8985 by changing the saturation by 10% instead.

■ 24.1754, 26.7064,
70.8985

■ 24.1754, 26.7064,
70.8985

266.1301,
286.2327, 482.5726

■ 15.5892, 17.3528,
51.7780

■ 49.7689, 54.4124,
122.1823

■ 9.3229, 10.4864,
36.4472

■ 67.5069, 73.5336,
155.1827

■ 5.0112, 5.7226,
24.4873

■ 89.0262, 96.6795,
193.6469

■ 2.2887, 2.6772,
15.4800

■ 114.6922,
124.2344, 237.9933

■ 0.7889, 0.9656,
9.0066

■ 144.8702,
156.5828, 288.6406

■ 0.0000, 0.0000,
4.6486

179.9257,

■ 0.0000, 0.0000,

194.1091, 346.0072

1.9875

220.2238,
237.1976, 410.5117

■ 0.0000, 0.0000,
0.5476

■ 0.0000, 0.0000,
0.0000

■ 24.1754, 26.7064,
70.8985

■ 24.1754, 26.7064,
70.8985

■ 22.2941, 23.8100,
70.4392

■ 26.6330, 30.0491,
71.4147

■ 21.1859, 21.9137,
70.1316

■ 29.7385, 33.8770,
71.9899

■ 33.5551, 38.2261,
72.6282

■ 38.1373, 43.1275,
73.3328

■ 43.5335, 48.6088,
74.1064

■ 49.7882, 54.6959,
74.9516

■ 56.9422, 61.4125,
75.8710

■ 65.0338, 68.7808,
76.8668

■ 74.0987, 76.8221,
77.9411

Harmonies

Analogous

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



19.5636, 26.7064, 60.9001



24.1754, 26.7064, 70.8985



29.8252, 26.7064, 66.8399

Triad

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



24.1754, 26.7064, 70.8985



36.4216, 26.7064, 18.6218



17.7882, 26.7064, 14.4530

Complementary

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



24.1754, 26.7064, 70.8985



35.0341, 26.1409, 5.0343

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.



21.4065, 26.7064, 9.1540



24.1754, 26.7064, 70.8985



32.2566, 26.7064, 10.8797

Square

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



24.1754, 26.7064, 70.8985



37.4458, 26.7064, 32.7391



26.6315, 26.7064, 8.1369



16.2374, 26.7064, 25.7019

Rectangle

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



24.1754, 26.7064, 70.8985



33.3848, 26.7064, 57.2367



26.6315, 26.7064, 8.1369



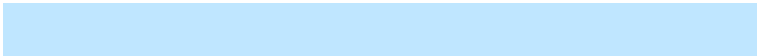
18.7754, 26.7064, 12.1095

Sweetspot

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



24.1764, 26.7073, 70.8992



67.8932, 74.9176, 105.4899



28.8063, 52.1457, 22.5657



13.8562, 15.3794, 22.4882



0.0000, 0.0000, 0.0000



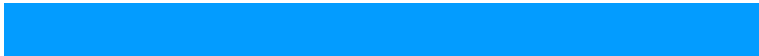
20.3446, 21.4041, 23.3091

Same Dimension

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



24.1764, 26.7073, 70.8992



29.9646, 31.0017, 99.0124



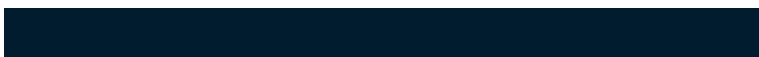
15.1570, 8.6684, 67.8927



12.9938, 13.9274, 16.6555



12.6716, 13.2126, 41.6208



0.9039, 1.0219, 2.7241

Inverse Universe

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



35.2527, 18.5857, 29.7471



47.2655, 23.7145, 33.5233



49.7318, 55.5363, 9.9336



13.3868, 13.1838, 15.2979



19.8914, 9.9576, 14.3398



1.3305, 0.6619, 1.1496

Previews

White Background



This preview shows how the XYZ color 24.1754, 26.7064, 70.8985 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 24.1754, 26.7064, 70.8985 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

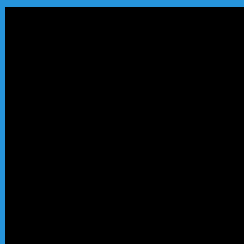
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

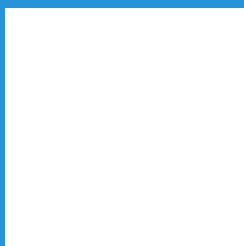
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.1754, 26.7064, 70.8985

Background



This preview shows how black text looks on a background with the XYZ color 24.1754, 26.7064, 70.8985.

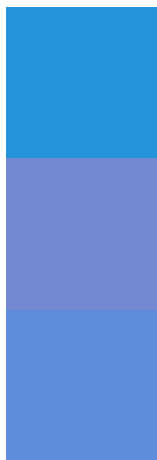


This preview shows how white text looks on a background with the XYZ color 24.1754, 26.7064,

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

24.1754, 26.7064, 70.8985

Protanopia

27.7916, 26.4749, 64.6182

Deuteranopia

27.2531, 26.4634, 72.0782



Tritanopia

18.9564, 26.6041, 41.1818

Trichromacy



Original Color

24.1754, 26.7064, 70.8985

Protanomaly

25.6137, 26.1763, 66.6533

Deuteranomaly

25.6424, 26.3081, 71.4366

Tritanomaly

20.5420, 26.4637, 51.0390

Monochromacy



Original Color

24.1754, 26.7064, 70.8985

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

18.8365, 21.2465, 35.4559

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.1754, 26.7064, 70.8985 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(38, 148, 219)` looks like.

```
.text, #text, p{  
    color:rgb(38, 148, 219)  
}
```

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(38, 148, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 148, 219) }
```

Border

The CSS property to change the border of an element to XYZ 24.1754, 26.7064, 70.8985 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(38, 148, 219) }
```


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

```
.border{ border-color:rgb(38, 148, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 148, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 148, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 148, 219);  
box-shadow:4px 4px 4px 4px rgb(38, 148,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 24.1754, 26.7064, 70.8985 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 148, 219) }
```

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

```
.background{ background-color: rgb(38, 148,  
219) }
```

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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