

Converting Colors

XYZ(25.7912, 26.7246, 74.6048)

Have a look what the booklet for
XYZ(25.7912, 26.7246, 74.6048)
contains.

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Color

**XYZ(25.7599, 26.7564,
74.3278)**

Conversions

Conversions Part 1

Format	Color
Hex	4191E0
RGB	65, 145, 224
RGB Percent	25%, 57%, 88%
CMY	0.7451, 0.4314, 0.1216
CMYK	0.71, 0.35, 0.00, 0.12
HSL	210°, 72%, 57%
HSV	210°, 71%, 88%
XYZ	25.7599, 26.7564, 74.3278
YIQ	130.0860, -73.0390, 7.6090

Conversions

Conversions Part 2

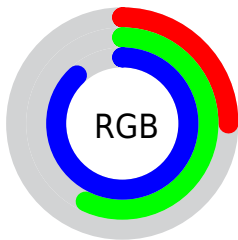
Format	Color
R _{YB}	65, 118, 224
Decimal	4297184
CIE Lab	58.75, 1.38, -47.22
CIE LCh	59, 47.244, 271.677
Yxy	26.7564, 0.2031, 0.2109
Android (android.graphics.Color)	4282487264 (0xFF4191E0)
YUV	130.0860, 46.2996, -57.0804
Hunter-Lab	51.7266, -1.6283, -48.9873

Details

The XYZ color **25.7599, 26.7564, 74.3278** 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 **41.6699, 36.1787, 9.7896**, and the grayscale version is **21.1098, 22.2092, 24.1858**.

A 20% lighter version of the original color is **47.6793, 52.8127, 102.2886**, and **11.1601, 11.0116, 38.5830** is the 20% darker color. If you saturate the color by 10%, you get **22.9420, 22.9017, 73.7329**, and if you desaturate by 10%, it is **29.3341, 31.2491, 75.0072**.

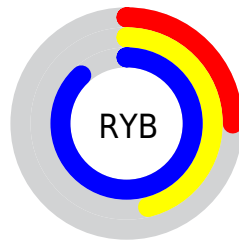
Distribution



Red (25%)

Green (57%)

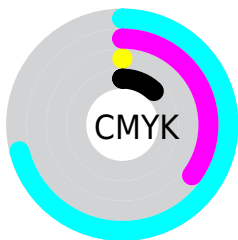
Blue (88%)



Red (25%)

Yellow (46%)

Blue (88%)

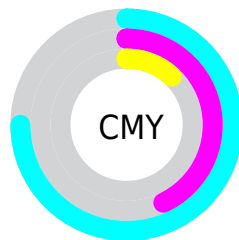


Cyan (71%)

Magenta (35%)

Yellow (0%)

Black (12%)



Cyan (75%)

Magenta (43%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.7599, 26.7564, 74.3278 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 25.7599, 26.7564, 74.3278 by changing the saturation by 10% instead.

■ 25.7599, 26.7564,
74.3278

■ 25.7599, 26.7564,
74.3278

273.8798,
286.4757, 494.7976

■ 16.7758, 17.3904,
54.5640

■ 52.3214, 54.4927,
127.0987

■ 10.1691, 10.5132,
38.6565

■ 70.6296, 73.6318,
160.9429

■ 5.5744, 5.7405,
26.1868

■ 92.7765, 96.7973,
200.3175

■ 2.6262, 2.6880,
16.7364

■ 119.1275,
124.3737, 245.6413

■ 0.9593, 0.9711,
9.8868

150.0480,
156.7453, 297.3326

■ 0.0000, 0.0000,
5.2193

185.9033,

■ 0.0000, 0.0000,

194.2966, 355.8101

2.3155

227.0588,
237.4120, 421.4922

■ 0.0000, 0.0000,
0.7399

■ 0.0000, 0.0000,
0.0000

■ 25.7599, 26.7564,
74.3278

■ 25.7599, 26.7564,
74.3278

■ 22.9420, 22.9017,
73.7329

■ 29.3341, 31.2491,
75.0072

■ 20.7983, 19.6346,
73.2152

■ 33.7283, 36.4182,
75.7733

■ 19.3262, 17.1250,
72.8084

■ 39.0019, 42.3014,
76.6309

■ 45.2078, 48.9322,
77.5837

■ 52.3943, 56.3416,
78.6351

■ 60.6062, 64.5586,
79.7883

■ 69.8854, 73.6104,
81.0464

■ 80.2712, 83.5228,
82.4123

■ 87.3995, 92.0515,
83.6828

Harmonies

Analogous

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



20.4841, 26.7564, 67.4177



25.7599, 26.7564, 74.3278



31.7699, 26.7564, 65.7908

Triad

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



25.7599, 26.7564, 74.3278



36.1894, 26.7564, 15.3394



16.7996, 26.7564, 16.4227

Complementary

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



25.7599, 26.7564, 74.3278



41.6699, 36.1787, 9.7896

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.



19.9972, 26.7564, 9.4885



25.7599, 26.7564, 74.3278



31.1168, 26.7564, 9.0516

Square

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



25.7599, 26.7564, 74.3278



38.3328, 26.7564, 28.2057



25.1052, 26.7564, 7.4092



15.8076, 26.7564, 30.0807

Rectangle

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



25.7599, 26.7564, 74.3278



35.2563, 26.7564, 53.8595



25.1052, 26.7564, 7.4092



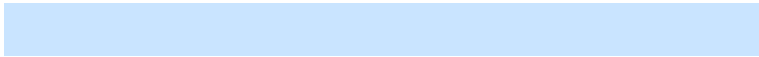
17.6254, 26.7564, 13.4396

Sweetspot

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



25.7609, 26.7573, 74.3285



70.1099, 75.4027, 105.4667



33.7082, 56.3846, 34.6412



14.4049, 15.5257, 22.4875



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.



25.7609, 26.7573, 74.3285



29.3392, 28.5980, 98.5814



17.6820, 10.5993, 71.6355



13.5191, 14.3772, 17.4502



11.3644, 10.1983, 42.4179



0.8773, 0.8860, 2.9700

Inverse Universe

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



37.7426, 21.6736, 28.9828



47.2312, 24.7783, 30.0211



57.6444, 68.1276, 15.1144



13.9935, 13.8150, 15.7357



19.6764, 9.9376, 10.2277



1.4091, 0.7069, 0.9470

Previews

White Background



This preview shows how the XYZ color 25.7599, 26.7564, 74.3278 looks on a white background.

Color Contrast Check

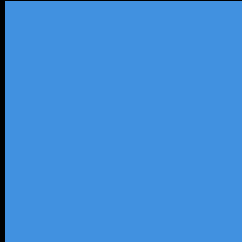
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.7599, 26.7564, 74.3278 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

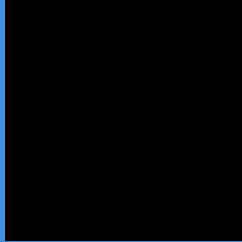
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.7599, 26.7564, 74.3278

Background



This preview shows how black text looks on a background with the XYZ color 25.7599, 26.7564, 74.3278.

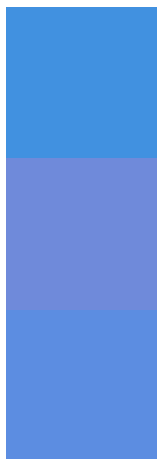


This preview shows how white text looks on a background with the XYZ color 25.7599, 26.7564,

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

25.7599, 26.7564, 74.3278

Protanopia

28.2989, 26.6184, 69.9760

Deuteranopia

27.5291, 26.7613, 74.9487



Tritanopia

19.0499, 26.6415, 41.6744

Trichromacy



Original Color

25.7599, 26.7564, 74.3278

Protanomaly

27.0592, 26.5967, 71.4177

Deuteranomaly

26.7433, 26.5761, 74.9543

Tritanomaly

20.7902, 26.3248, 52.1295

Monochromacy



Original Color

25.7599, 26.7564, 74.3278

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

21.3087, 23.0725, 38.4523

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.7599, 26.7564, 74.3278 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(65, 145, 224)` looks like.

```
.text, #text, p{  
    color:rgb(65, 145, 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(65, 145, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 145, 224) }
```

Border

The CSS property to change the border of an element to XYZ 25.7599, 26.7564, 74.3278 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(65, 145, 224) }
```


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

```
.border{ border-color:rgb(65, 145, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 145, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 145, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 145, 224);  
box-shadow:4px 4px 4px 4px rgb(65, 145,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 25.7599, 26.7564, 74.3278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 145, 224) }
```

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

```
.background{ background-color: rgb(65, 145,  
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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