

Converting Colors

XYZ(25.8973, 28.1121, 75.2232)

Have a look what the booklet for
XYZ(25.8973, 28.1121, 75.2232)
contains.

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Color

**XYZ(25.9726, 28.2476,
75.3176)**

Conversions

Conversions Part 1	
Format	Color
Hex	3297E1
RGB	50, 151, 225
RGB Percent	20%, 59%, 88%
CMY	0.8039, 0.4078, 0.1176
CMYK	0.78, 0.33, 0.00, 0.12
HSL	205°, 74%, 54%
HSV	205°, 78%, 88%
XYZ	25.9726, 28.2476, 75.3176
YIQ	129.2370, -83.9500, 1.6020

Conversions

Conversions Part 2

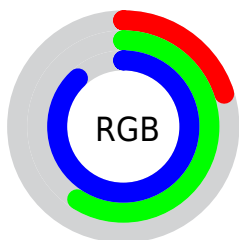
Format	Color
RYB	50, 114, 225
Decimal	3315681
CIELab	60.11, -3.61, -45.65
CIELCh	60, 45.794, 265.482
Yxy	28.2476, 0.2005, 0.2181
Android (android.graphics.Color)	4281505761 (0xFF3297E1)
YUV	129.2370, 47.2112, -69.4908
Hunter-Lab	53.1485, -5.7804, -46.8169

Details

The XYZ color **25.9726, 28.2476, 75.3176** 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 **38.8369, 30.6566, 6.8896**, and the grayscale version is **20.8118, 21.8957, 23.8444**.

A 20% lighter version of the original color is **47.7665, 54.9476, 102.6961**, and **11.8151, 12.1719, 39.2628** is the 20% darker color. If you saturate the color by 10%, you get **23.6532, 24.8700, 74.7885**, and if you desaturate by 10%, it is **28.9622, 32.1550, 75.9148**.

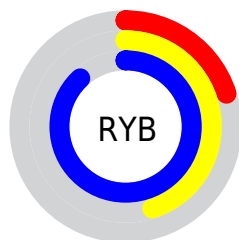
Distribution



Red (20%)

Green (59%)

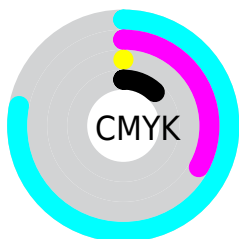
Blue (88%)



Red (20%)

Yellow (45%)

Blue (88%)

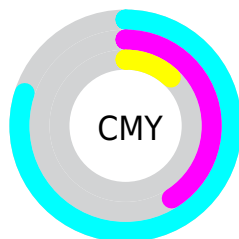


Cyan (78%)

Magenta (33%)

Yellow (0%)

Black (12%)



Cyan (80%)


Magenta (41%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.9726, 28.2476, 75.3176 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 25.9726, 28.2476, 75.3176 by changing the saturation by 10% instead.


 25.9726, 28.2476,
75.3176


 25.9726, 28.2476,
75.3176


274.9067,
293.6482, 498.2930


 16.9357, 18.5124,
55.3698

 52.6624, 56.8795,
128.5131


 10.2837, 11.3185,
39.2973


 71.0459, 76.5450,
162.5978


 5.6512, 6.2815,
26.6815


 93.2758, 100.2893,
202.2320

 2.6728, 3.0170,
17.1038

 119.7173,
128.4970, 247.8342

 0.9832, 1.1406,
10.1458

 150.7358,
161.5523, 299.8228

 0.0000, 0.0124,
5.3889


186.6966,


 0.0000, 0.0000,

199.8397, 358.6164

2.4145


227.9651,
243.7435, 424.6337


 0.0000, 0.0000,
0.7943

 0.0000, 0.0000,
0.0000


 25.9726, 28.2476,
75.3176


 25.9726, 28.2476,
75.3176


 23.6532, 24.8700,
74.7885


 28.9622, 32.1550,
75.9148

 21.9009, 21.9636,
74.3199


 32.6921, 36.6312,
76.5822


 21.5537, 21.3622,
74.2221

 37.2259, 41.7136,
77.3243


 42.6191, 47.4346,
78.1443

 48.9217, 53.8237,
79.0453

 56.1798, 60.9086,
80.0303

 64.4362, 68.7146,
81.1019

 73.7307, 77.2660,
82.2626

 84.1011, 86.5857,
83.5149

Harmonies

Analogous

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



20.9681, 28.2476, 65.6469



25.9726, 28.2476, 75.3176



31.9819, 28.2476, 69.9417

Triad

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



25.9726, 28.2476, 75.3176



38.3304, 28.2476, 18.8795



18.6094, 28.2476, 15.8810

Complementary

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



25.9726, 28.2476, 75.3176



38.8369, 30.6566, 6.8896

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.



22.2961, 28.2476, 9.8851



25.9726, 28.2476, 75.3176



33.7367, 28.2476, 11.1235

Square

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



25.9726, 28.2476, 75.3176



39.6886, 28.2476, 33.3635



27.7439, 28.2476, 8.5295



17.1277, 28.2476, 28.2896

Rectangle

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



25.9726, 28.2476, 75.3176



35.6895, 28.2476, 59.3068



27.7439, 28.2476, 8.5295



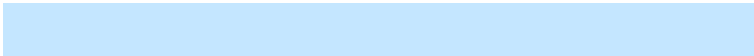
19.6033, 28.2476, 13.2541

Sweetspot

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



25.9737, 28.2485, 75.3183



69.2580, 75.7066, 105.5703



31.8120, 55.9575, 27.8385



14.0959, 15.4879, 22.4965



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.



25.9737, 28.2485, 75.3183



29.9703, 30.6945, 98.9528



16.7740, 9.8491, 72.2518



13.6057, 14.5504, 17.4791



12.5382, 12.5459, 42.8091



0.9572, 1.0458, 2.9967

Inverse Universe

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



37.7788, 20.5245, 31.2494



47.3462, 24.0447, 33.0299



54.7777, 62.5383, 12.2032



14.0372, 13.8325, 15.9659



20.2689, 10.1746, 13.3477



1.4494, 0.7230, 1.1593

Previews

White Background



This preview shows how the XYZ color 25.9726, 28.2476, 75.3176 looks on a white background.

Color Contrast Check

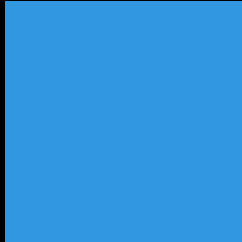
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.9726, 28.2476, 75.3176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

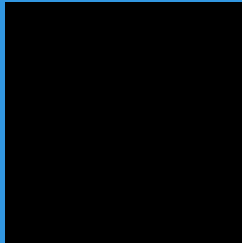
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

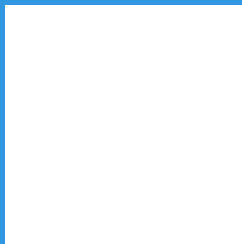
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.9726, 28.2476, 75.3176

Background



This preview shows how black text looks on a background with the XYZ color 25.9726, 28.2476, 75.3176.

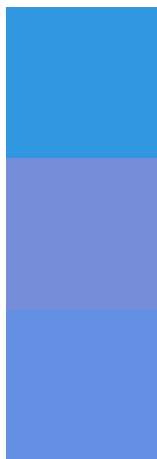


This preview shows how white text looks on a background with the XYZ color 25.9726, 28.2476,

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

25.9726, 28.2476, 75.3176

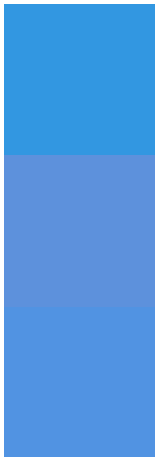
Protanopia

29.5205, 27.9111, 69.4771

Deuteranopia

28.9840, 28.1452, 76.5780

Trichromacy



Original Color
25.9726, 28.2476, 75.3176

Protanomaly
27.5579, 27.7453, 71.6131

Deuteranomaly
27.5545, 28.1078, 75.9246

Monochromacy



Original Color
25.9726, 28.2476, 75.3176

Achromatopsia
20.8660, 21.9526, 23.9064

Achromatomaly
20.9020, 23.2810, 38.5140

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.9726, 28.2476, 75.3176 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(50, 151, 225) looks like.

```
.text, #text, p{  
    color:rgb(50, 151, 225)  
}
```

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(50, 151, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 151, 225) }
```

Border

The CSS property to change the border of an element to XYZ 25.9726, 28.2476, 75.3176 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(50, 151, 225) }
```

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

```
.border{ border-color:rgb(50, 151, 225) }
```

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

Here you see how a box with a 4 pixel rgb(50, 151, 225) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 151, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 151, 225);  
box-shadow:4px 4px 4px 4px rgb(50, 151,  
225) }
```


Background

The CSS property to change the background color of an element to XYZ 25.9726, 28.2476, 75.3176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 151, 225) }
```

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

```
.background{ background-color: rgb(50, 151,  
225) }
```

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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