

Converting Colors

XYZ(24.9454, 28.7033, 71.0670)

Have a look what the booklet for
XYZ(24.9454, 28.7033, 71.0670)
contains.

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Color

**XYZ(25.0429, 28.8332,
71.2633)**

Conversions

Conversions Part 1

Format	Color
Hex	1E9BDB
RGB	30, 155, 219
RGB Percent	12%, 61%, 86%
CMY	0.8823, 0.3921, 0.1412
CMYK	0.86, 0.29, 0.00, 0.14
HSL	200°, 76%, 49%
HSV	200°, 86%, 86%
XYZ	25.0429, 28.8332, 71.2633
YIQ	124.9210, -95.0440, -6.5960

Conversions

Conversions Part 2

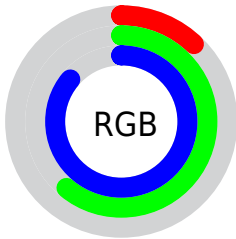
Format	Color
R_{YB}	30, 105, 219
Decimal	2005979
CIE _{Lab}	60.63, -9.78, -41.52
CIE _{LCh}	61, 42.654, 256.749
Yxy	28.8332, 0.2001, 0.2304
Android (android.graphics.Color)	4280196059 (0xFF1E9BDB)
YUV	124.9210, 46.3809, -83.2457
Hunter-Lab	53.6966, -10.7205, -41.0990

Details

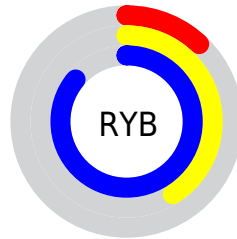
The XYZ color **25.0429, 28.8332, 71.2633** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **33.4527, 23.1629, 3.9374**, and the grayscale version is **19.3407, 20.3480, 22.1589**.

A 20% lighter version of the original color is **47.4060, 56.2004, 102.9569**, and **11.6512, 12.5810, 36.9362** is the 20% darker color. If you saturate the color by 10%, you get **23.4129, 26.2169, 70.8448**, and if you desaturate by 10%, it is **27.1925, 31.8308, 71.7292**.

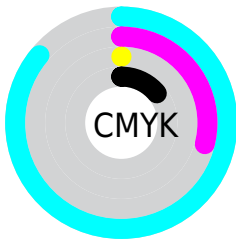
Distribution



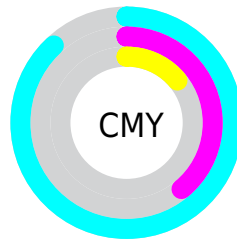
- Red (12%)
- Green (61%)
- Blue (86%)



- Red (12%)
- Yellow (41%)
- Blue (86%)



- Cyan (86%)
- Magenta (29%)
- Yellow (0%)
- Black (14%)



- Cyan (88%)
- Magenta (39%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.0429, 28.8332, 71.2633 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 25.0429, 28.8332, 71.2633 by changing the saturation by 10% instead.

■ 25.0429, 28.8332,
71.2633

■ 25.0429, 28.8332,
71.2633

270.3952,
296.4271, 483.8818

■ 16.2379, 18.9547,
52.0739

■ 51.1692, 57.8120,
122.7065

■ 9.7846, 11.6375,
36.6814

■ 69.2212, 77.6810,
155.7975

■ 5.3175, 6.4974,
24.6670

■ 91.0863, 101.6490,
194.3593

■ 2.4714, 3.1498,
15.6124

■ 117.1299,
130.1003, 238.8107

■ 0.8809, 1.2104,
9.0989

■ 147.7171,
163.4194, 289.5701

■ 0.0000, 0.0702,
4.7081

183.2136,

■ 0.0000, 0.0000,

201.9907, 347.0560

2.0213

223.9845,
246.1984, 411.6871

■ 0.0000, 0.0000,
0.5683

■ 0.0000, 0.0000,
0.0000

■ 25.0429, 28.8332,
71.2633

■ 25.0429, 28.8332,
71.2633

■ 23.4129, 26.2169,
70.8448

■ 27.1925, 31.8308,
71.7292

■ 22.8866, 25.3150,
70.6985

■ 29.9403, 35.2509,
72.2445

■ 33.3527, 39.1299,
72.8134

■ 37.4857, 43.4988,
73.4388

■ 42.3892, 48.3849,
74.1235

■ 48.1081, 53.8133,
74.8699

■ 54.6841, 59.8070,
75.6802

■ 62.1554, 66.3876,
76.5566

■ 70.5582, 73.5754,
77.5011

Harmonies

Analogous

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



20.7554, 28.8332, 59.1551



25.0429, 28.8332, 71.2633



30.5798, 28.8332, 70.4369

Triad

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



25.0429, 28.8332, 71.2633



38.8800, 28.8332, 23.4224



20.3770, 28.8332, 14.8297

Complementary

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



25.0429, 28.8332, 71.2633



33.4527, 23.1629, 3.9374

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.



24.4581, 28.8332, 10.3525



25.0429, 28.8332, 71.2633



35.3421, 28.8332, 14.0480

Square

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



25.0429, 28.8332, 71.2633



39.0921, 28.8332, 38.8923



29.9113, 28.8332, 10.1249



18.3158, 28.8332, 24.9281

Rectangle

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



25.0429, 28.8332, 71.2633



34.2604, 28.8332, 62.6018



29.9113, 28.8332, 10.1249



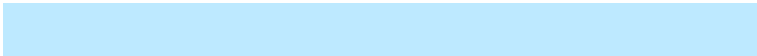
21.5313, 28.8332, 12.7906

Sweetspot

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



25.0440, 28.8342, 71.2640



67.9728, 76.0223, 105.6990



27.8442, 51.7304, 18.8766



13.9158, 15.6794, 22.5429



0.0000, 0.0000, 0.0000



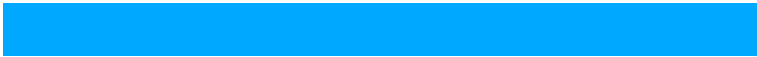
20.3446, 21.4041, 23.3091

Same Dimension

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



25.0440, 28.8342, 71.2640



32.1717, 35.4634, 99.7572



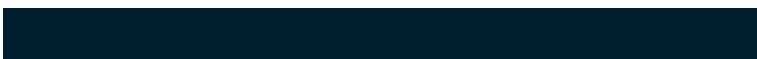
15.0188, 8.7838, 67.9223



13.0542, 14.0481, 16.6757



13.6756, 15.2207, 41.9555



0.9645, 1.1431, 2.7443

Inverse Universe

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



35.5950, 18.3564, 32.6782



48.3680, 24.1112, 39.4654



47.3258, 50.9090, 8.5617



13.4172, 13.1960, 15.4583



20.3981, 10.1603, 17.0085



1.3611, 0.6741, 1.3106

Previews

White Background



This preview shows how the XYZ color 25.0429, 28.8332, 71.2633 looks on a white background.

Color Contrast Check

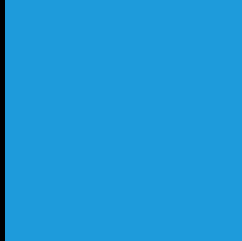
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.0429, 28.8332, 71.2633 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

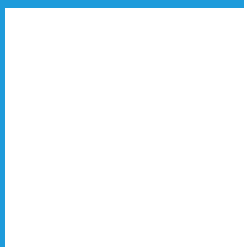
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.0429, 28.8332, 71.2633

Background



This preview shows how black text looks on a background with the XYZ color 25.0429, 28.8332, 71.2633.

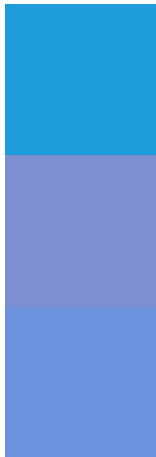


This preview shows how white text looks on a background with the XYZ color 25.0429, 28.8332,

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

25.0429, 28.8332, 71.2633

Protanopia

29.6433, 28.5335, 64.2667

Deuteranopia

29.3609, 28.6594, 72.3909



Tritanopia

20.5603, 28.8967, 44.5384

Trichromacy



Original Color

25.0429, 28.8332, 71.2633

Protanomaly

26.6604, 27.8452, 66.9203

Deuteranomaly

26.9740, 28.3677, 71.7640

Tritanomaly

21.8304, 28.5851, 53.0821

Monochromacy



Original Color

25.0429, 28.8332, 71.2633

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

19.2786, 22.2852, 36.0863

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.0429, 28.8332, 71.2633 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(30, 155, 219)` looks like.

```
.text, #text, p{  
    color:rgb(30, 155, 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(30, 155, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 155, 219) }
```

Border

The CSS property to change the border of an element to XYZ 25.0429, 28.8332, 71.2633 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(30, 155, 219) }
```


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

```
.border{ border-color:rgb(30, 155, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 155, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 155, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 155, 219);  
box-shadow:4px 4px 4px 4px rgb(30, 155,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 25.0429, 28.8332, 71.2633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 155, 219) }
```

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

```
.background{ background-color: rgb(30, 155,  
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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