

Converting Colors

XYZ(25.7323, 26.1145, 82.2816)

Have a look what the booklet for
XYZ(25.7323, 26.1145, 82.2816)
contains.

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Color

**XYZ(25.7323, 26.1145,
82.2816)**

Conversions

Conversions Part 1

Format	Color
Hex	298FEB
RGB	41, 143, 235
RGB Percent	16%, 56%, 92%
CMY	0.8391, 0.4392, 0.0784
CMYK	0.83, 0.39, 0.00, 0.08
HSL	208°, 83%, 54%
HSV	208°, 83%, 92%
XYZ	25.7323, 26.1145, 82.2816
YIQ	122.9900, -90.3240, 6.9880

Conversions

Conversions Part 2

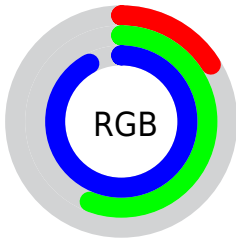
Format	Color
R _Y B	41, 108, 235
Decimal	2723819
CIE Lab	58.15, 3.86, -54.33
CIE LCh	58, 54.470, 274.068
Yxy	26.1145, 0.1918, 0.1947
Android (android.graphics.Color)	4280913899 (0xFF298FEB)
YUV	122.9900, 55.2209, -71.9052
Hunter-Lab	51.1023, 0.4536, -59.6932

Details

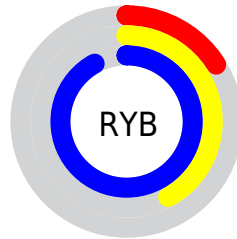
The XYZ color **25.7323, 26.1145, 82.2816** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle washed azure. A complement of this color would be **43.0519, 34.6028, 6.5095**, and the grayscale version is **18.6708, 19.6431, 21.3914**.

A 20% lighter version of the original color is **45.2611, 50.5514, 101.9796**, and **12.0510, 11.0834, 44.1520** is the 20% darker color. If you saturate the color by 10%, you get **23.4678, 22.5857, 81.7204**, and if you desaturate by 10%, it is **28.7236, 30.2653, 82.9257**.

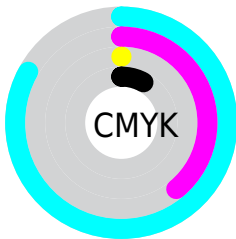
Distribution



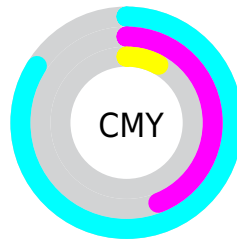
- Red (16%)
- Green (56%)
- Blue (92%)



- Red (16%)
- Yellow (42%)
- Blue (92%)



- Cyan (83%)
- Magenta (39%)
- Yellow (0%)
- Black (8%)



- Cyan (84%)
- Magenta (44%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.7323, 26.1145, 82.2816 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 25.7323, 26.1145, 82.2816 by changing the saturation by 10% instead.

■ 25.7323, 26.1145,
82.2816

■ 25.7323, 26.1145,
82.2816

273.7463,
283.3437, 522.4973

■ 16.7551, 16.9093,
61.0605

■ 52.2772, 53.4596,
138.4091

■ 10.1543, 10.1699,
43.8431

■ 70.5755, 72.3683,
174.1525

■ 5.5644, 5.5117,
30.2109

■ 92.7117, 95.2803,
215.5738

■ 2.6202, 2.5505,
19.7453

■ 119.0509,
122.5800, 263.0915

■ 0.9563, 0.9019,
12.0278

■ 149.9587,
154.6518, 317.1242

■ 0.0000, 0.0000,
6.6399

185.8002,

■ 0.0000, 0.0000,

191.8801, 378.0904

3.1629

226.9410,
234.6493, 446.4085

■ 0.0000, 0.0000,
1.1784

■ 0.0000, 0.0000,
0.0000

■ 25.7323, 26.1145,
82.2816

■ 25.7323, 26.1145,
82.2816

■ 23.4678, 22.5857,
81.7204

■ 28.7236, 30.2653,
82.9257

■ 22.1465, 20.3002,
81.3489

■ 32.5297, 35.0896,
83.6563

■ 37.2279, 40.6340,
84.4789

■ 42.8846, 46.9392,
85.3977

■ 49.5595, 54.0420,
86.4169

■ 57.3070, 61.9765,
87.5401

■ 66.1775, 70.7743,
88.7707

■ 76.2179, 80.4653,
90.1121

■ 87.4724, 91.0776,
91.5673

Harmonies

Analogous

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



19.6745, 26.1145, 75.2466



25.7323, 26.1145, 82.2816



32.6307, 26.1145, 70.4205

Triad

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



25.7323, 26.1145, 82.2816



36.8883, 26.1145, 12.5468



15.0677, 26.1145, 15.3174

Complementary

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



25.7323, 26.1145, 82.2816



43.0519, 34.6028, 6.5095

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.



18.3689, 26.1145, 7.7025



25.7323, 26.1145, 82.2816



30.7949, 26.1145, 6.6726

Square

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



25.7323, 26.1145, 82.2816



39.7544, 26.1145, 25.9330



23.9316, 26.1145, 5.4051



14.1920, 26.1145, 31.0914

Rectangle

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



25.7323, 26.1145, 82.2816



36.5807, 26.1145, 55.5411



23.9316, 26.1145, 5.4051



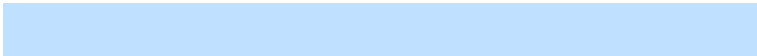
15.8977, 26.1145, 11.9937

Sweetspot

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



25.7334, 26.1153, 82.2823



66.4606, 72.0524, 105.0124



34.7575, 61.5424, 31.7135



13.5143, 14.6957, 22.3742



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.



25.7334, 26.1153, 82.2823



26.7837, 24.6400, 97.9521



16.9468, 8.5421, 79.3534



14.8866, 15.8597, 19.1989



12.4544, 11.5557, 45.3170



1.0742, 1.0999, 3.5906

Inverse Universe

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



40.0128, 21.2327, 27.9765



45.6599, 23.0723, 25.0685



62.5525, 73.6040, 13.0097



15.3963, 15.1864, 17.3723



21.1417, 10.6594, 11.8134



1.7087, 0.8564, 1.1835

Previews

White Background



This preview shows how the XYZ color 25.7323, 26.1145, 82.2816 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 25.7323, 26.1145, 82.2816 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

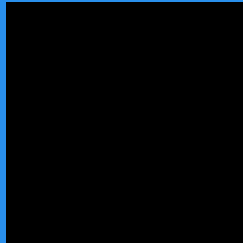
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

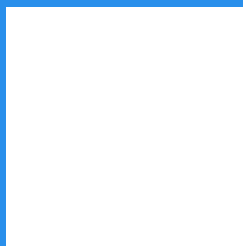
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.7323, 26.1145, 82.2816

Background



This preview shows how black text looks on a background with the XYZ color 25.7323, 26.1145, 82.2816.



This preview shows how white text looks on a background with the XYZ color 25.7323, 26.1145,

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

25.7323, 26.1145, 82.2816

Protanopia

28.1746, 25.9765, 76.9278

Deuteranopia

26.9726, 26.0775, 82.9687

Trichromacy



Original Color

25.7323, 26.1145, 82.2816

Protanomaly

26.8809, 25.8970, 79.1832

Deuteranomaly

26.4688, 26.0357, 82.9872

Monochromacy



Original Color

25.7323, 26.1145, 82.2816

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

19.1977, 20.9728, 38.1583

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.7323, 26.1145, 82.2816 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(41, 143, 235)` looks like.

```
.text, #text, p{  
    color:rgb(41, 143, 235)  
}
```

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(41, 143, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 143, 235) }
```

Border

The CSS property to change the border of an element to XYZ 25.7323, 26.1145, 82.2816 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(41, 143, 235) }
```

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

```
.border{ border-color:rgb(41, 143, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 143, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 143, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 143, 235);  
box-shadow:4px 4px 4px 4px rgb(41, 143,  
235) }
```


Background

The CSS property to change the background color of an element to XYZ 25.7323, 26.1145, 82.2816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 143, 235) }
```

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

```
.background{ background-color: rgb(41, 143,  
235) }
```

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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