

Converting Colors

XYZ(25.1800, 26.0522, 81.8718)

Have a look what the booklet for
XYZ(25.1800, 26.0522, 81.8718)
contains.

XYZ(25.1338, 26.0465, 81.5447)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	30

Color

**XYZ(25.1338, 26.0465,
81.5447)**

Conversions

Conversions Part 1

Format	Color
Hex	1590EA
RGB	21, 144, 234
RGB Percent	8%, 56%, 92%
CMY	0.9175, 0.4353, 0.0823
CMYK	0.91, 0.38, 0.00, 0.08
HSL	205°, 84%, 50%
HSV	205°, 91%, 92%
XYZ	25.1338, 26.0465, 81.5447
YIQ	117.4830, -102.1980, 1.9140

Conversions

Conversions Part 2

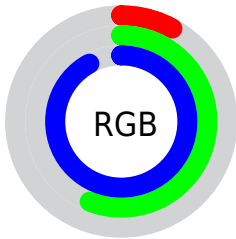
Format	Color
R_{YB}	21, 99, 234
Decimal	1413354
CIE _{Lab}	58.08, 1.61, -53.90
CIE _{LCh}	58, 53.923, 271.716
Yxy	26.0465, 0.1894, 0.1962
Android (android.graphics.Color)	4279603434 (0xFF1590EA)
YUV	117.4830, 57.4429, -84.6156
Hunter-Lab	51.0358, -1.4060, -59.0082

Details

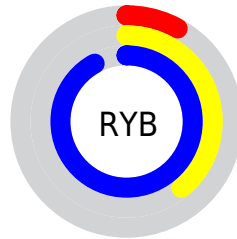
The XYZ color **25.1338, 26.0465, 81.5447** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle washed azure. A complement of this color would be **39.7559, 28.9233, 4.1986**, and the grayscale version is **16.9119, 17.7926, 19.3761**.

A 20% lighter version of the original color is **44.5718, 50.5320, 102.0122**, and **12.0386, 11.2198, 43.6506** is the 20% darker color. If you saturate the color by 10%, you get **23.5310, 23.2997, 81.0996**, and if you desaturate by 10%, it is **27.4464, 29.5607, 82.1017**.

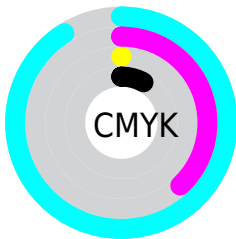
Distribution



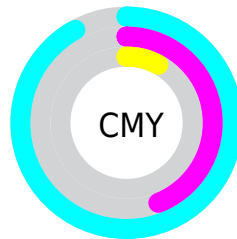
- Red (8%)
- Green (56%)
- Blue (92%)



- Red (8%)
- Yellow (39%)
- Blue (92%)



- Cyan (91%)
- Magenta (38%)
- Yellow (0%)
- Black (8%)



- Cyan (92%)
- Magenta (44%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.1338, 26.0465, 81.5447 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 25.1338, 26.0465, 81.5447 by changing the saturation by 10% instead.

■ 25.1338, 26.0465,
81.5447

■ 25.1338, 26.0465,
81.5447

270.8390,
283.0103, 519.9669

■ 16.3060, 16.8584,
60.4567

■ 51.3155, 53.3500,
137.3663

■ 9.8332, 10.1336,
43.3591

■ 69.4002, 72.2341,
172.9369

■ 5.3499, 5.4876,
29.8335

■ 91.3012, 95.1191,
214.1722

■ 2.4908, 2.5361,
19.4613

■ 117.3840,
122.3893, 261.4906

■ 0.8906, 0.8947,
11.8239

■ 148.0137,
154.4292, 315.3108

■ 0.0000, 0.0000,
6.5028

183.5559,

■ 0.0000, 0.0000,

191.6230, 376.0512

3.0795

224.3759,
234.3552, 444.1304

■ 0.0000, 0.0000,
1.1353

■ 0.0000, 0.0000,
0.0000

■ 25.1338, 26.0465,
81.5447

■ 25.1338, 26.0465,
81.5447

■ 23.5310, 23.2997,
81.0996

■ 27.4464, 29.5607,
82.1017

■ 30.4598, 33.6355,
82.7294

■ 34.2611, 38.3207,
83.4334

■ 38.9224, 43.6579,
84.2179

■ 44.5072, 49.6843,
85.0867

■ 51.0724, 56.4332,
86.0434

■ 58.6700, 63.9356,
87.0911

■ 67.3480, 72.2202,
88.2328

■ 77.1515, 81.3142,
89.4714

Harmonies

Analogous

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



19.2763, 26.0465, 73.2072



25.1338, 26.0465, 81.5447



31.9524, 26.0465, 71.2022

Triad

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



25.1338, 26.0465, 81.5447



37.0314, 26.0465, 13.3583



15.2730, 26.0465, 14.5179

Complementary

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



25.1338, 26.0465, 81.5447



39.7559, 28.9233, 4.1986

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.



18.7311, 26.0465, 7.4648



25.1338, 26.0465, 81.5447



31.1876, 26.0465, 7.0318

Square

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



25.1338, 26.0465, 81.5447



39.5278, 26.0465, 27.2984



24.3828, 26.0465, 5.4768



14.2172, 26.0465, 29.4492

Rectangle

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



25.1338, 26.0465, 81.5447



35.9637, 26.0465, 56.9428



24.3828, 26.0465, 5.4768



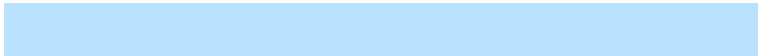
16.1590, 26.0465, 11.4195

Sweetspot

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



25.1349, 26.0473, 81.5454



65.5064, 72.0184, 105.0561



32.5351, 60.1267, 24.5774



13.3698, 14.7648, 22.3952



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.



25.1349, 26.0473, 81.5454



28.5206, 28.1611, 98.5402



15.8798, 7.5372, 78.4604



14.9535, 15.9935, 19.2212



13.3503, 13.3475, 45.6157



1.1432, 1.2379, 3.6136

Inverse Universe

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



39.2349, 20.0439, 28.1870



46.5251, 23.3740, 29.7607



58.6885, 66.7887, 10.5095



15.4301, 15.1999, 17.5501



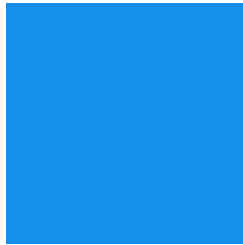
21.5939, 10.8402, 14.1947



1.7435, 0.8704, 1.3669

Previews

White Background



This preview shows how the XYZ color 25.1338, 26.0465, 81.5447 looks on a white background.

Color Contrast Check

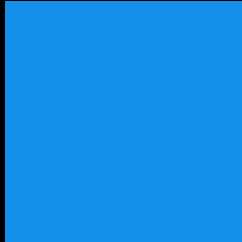
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.1338, 26.0465, 81.5447 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

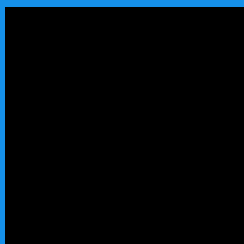
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

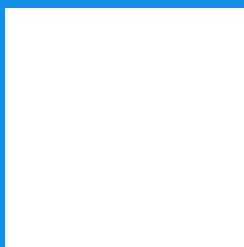
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.1338, 26.0465, 81.5447

Background



This preview shows how black text looks on a background with the XYZ color 25.1338, 26.0465, 81.5447.



This preview shows how white text looks on a background with the XYZ color 25.1338, 26.0465,

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

25.1338, 26.0465, 81.5447

Protanopia

28.1251, 25.9829, 75.4843

Deuteranopia

26.8277, 26.0195, 82.2056

Trichromacy



Original Color

25.1338, 26.0465, 81.5447

Protanomaly

26.1231, 25.5388, 77.6814

Deuteranomaly

25.9364, 25.7780, 82.2059

Monochromacy



Original Color

25.1338, 26.0465, 81.5447

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

17.4142, 19.5106, 36.1058

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.1338, 26.0465, 81.5447 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(21, 144, 234)` looks like.

```
.text, #text, p{  
    color:rgb(21, 144, 234)  
}
```

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(21, 144, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 144, 234) }
```

Border

The CSS property to change the border of an element to XYZ 25.1338, 26.0465, 81.5447 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(21, 144, 234) }
```

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

```
.border{ border-color:rgb(21, 144, 234) }
```

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

Here you see how a box with a 4 pixel rgb(21, 144, 234) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 144, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 144, 234);  
box-shadow:4px 4px 4px 4px rgb(21, 144,  
234) }
```


Background

The CSS property to change the background color of an element to XYZ 25.1338, 26.0465, 81.5447 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 144, 234) }
```

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

```
.background{ background-color: rgb(21, 144,  
234) }
```

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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