

Converting Colors

XYZ(25.3154, 24.9274, 87.6786)

Have a look what the booklet for
XYZ(25.3154, 24.9274, 87.6786)
contains.

XYZ(25.2596, 24.8760, 87.4746)	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>	31

Color

**XYZ(25.2596, 24.8760,
87.4746)**

Conversions

Conversions Part 1

Format	Color
Hex	008BF2
RGB	0, 139, 242
RGB Percent	0%, 55%, 95%
CMY	0.9997, 0.4549, 0.0510
CMYK	1.00, 0.43, 0.00, 0.05
HSL	206°, 100%, 47%
HSV	206°, 100%, 95%
XYZ	25.2596, 24.8760, 87.4746
YIQ	109.1810, -115.9070, 2.5650

Conversions

Conversions Part 2

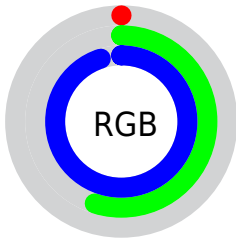
Format	Color
R_{YB}	0, 88, 242
Decimal	35826
CIE _{Lab}	56.95, 7.01, -60.14
CIE _{LCh}	57, 60.548, 276.644
Yxy	24.8760, 0.1836, 0.1808
Android (android.graphics.Color)	4278225906 (0xFF008BF2)
YUV	109.1810, 65.4798, -95.7517
Hunter-Lab	49.8758, 3.1185, -69.0725

Details

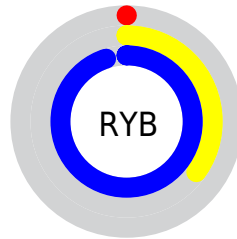
The XYZ color **25.2596, 24.8760, 87.4746** is a dark color, and the websafe version is hex **3399FF**. The color can be described as dark saturated azure. A complement of this color would be **41.4755, 28.5914, 3.3346**, and the grayscale version is **14.4368, 15.1886, 16.5404**.

A 20% lighter version of the original color is **43.2063, 48.1705, 101.6284**, and **12.4131, 10.8151, 47.3322** is the 20% darker color. If you saturate the color by 10%, you get **25.2557, 24.8680, 87.4739**, and if you desaturate by 10%, it is **27.2057, 28.1994, 88.0141**.

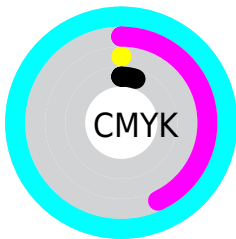
Distribution



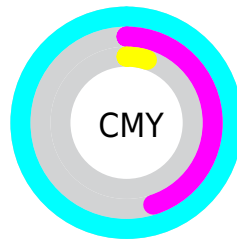
- Red (0%)
- Green (55%)
- Blue (95%)



- Red (0%)
- Yellow (35%)
- Blue (95%)



- Cyan (100%)
- Magenta (43%)
- Yellow (0%)
- Black (5%)



- Cyan (100%)
- Magenta (45%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.2596, 24.8760, 87.4746 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 25.2596, 24.8760, 87.4746 by changing the saturation by 10% instead.

■ 25.2596, 24.8760,
87.4746

■ 25.2596, 24.8760,
87.4746

271.4522,
277.2199, 540.1378

■ 16.4003, 15.9847,
65.3262

■ 51.5179, 51.4560,
145.7302

■ 9.9005, 9.5133,
47.2726

■ 69.6477, 69.9135,
182.6744

■ 5.3948, 5.0775,
32.8953

■ 91.5983, 92.3284,
225.3876

■ 2.5178, 2.2928,
21.7758

■ 117.7352,
119.0853, 274.2884

■ 0.9043, 0.7699,
13.4955

■ 148.4237,
150.5685, 329.7952

■ 0.0000, 0.0000,
7.6359

184.0291,

■ 0.0000, 0.0000,

187.1624, 392.3267

3.7785

224.9168,
229.2514, 462.3014

■ 0.0000, 0.0000,
1.5046

■ 0.0000, 0.0000,
0.2214

■ 25.2596, 24.8760,
87.4746

■ 25.2596, 24.8760,
87.4746

■ 25.2557, 24.8680,
87.4739

■ 27.2057, 28.1994,
88.0141

■ 29.7709, 32.0560,
88.6233

■ 33.1074, 36.5298,
89.3110

■ 37.3069, 41.6732,
90.0824

■ 42.4469, 47.5311,
90.9422

■ 48.5956, 54.1433,
91.8944

■ 55.8141, 61.5462,
92.9429

■ 64.1585, 69.7731,
94.0910

■ 73.6807, 78.8552,
95.3422

Harmonies

Analogous

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



18.6322, 24.8760, 81.2022



25.2596, 24.8760, 87.4746



32.7680, 24.8760, 72.1514

Triad

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



25.2596, 24.8760, 87.4746



36.3824, 24.8760, 9.8053



13.1912, 24.8760, 14.3501

Complementary

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



25.2596, 24.8760, 87.4746



41.4755, 28.5914, 3.3346

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.



16.3933, 24.8760, 6.2627



25.2596, 24.8760, 87.4746



29.4821, 24.8760, 4.7078

Square

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



25.2596, 24.8760, 87.4746



39.9698, 24.8760, 22.8074



22.0986, 24.8760, 3.8496



12.5071, 24.8760, 31.8682

Rectangle

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



25.2596, 24.8760, 87.4746



36.9848, 24.8760, 54.7867



22.0986, 24.8760, 3.8496



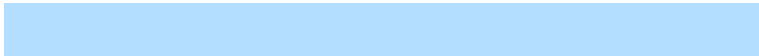
13.9724, 24.8760, 10.7692

Sweetspot

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



25.2607, 24.8767, 87.4753



62.7610, 69.2161, 104.6599



34.0959, 64.4422, 22.9208



12.6666, 14.0377, 22.2919



0.0000, 0.0000, 0.0000



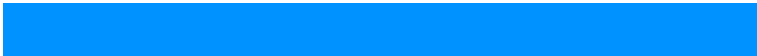
20.3446, 21.4041, 23.3091

Same Dimension

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



25.2607, 24.8767, 87.4753



28.3964, 27.9128, 98.4988



16.2822, 6.9197, 84.4824



15.6510, 16.7361, 20.1271



13.7058, 13.6359, 47.0375



1.2386, 1.3312, 3.9459

Inverse Universe

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



41.2792, 20.7429, 26.2545



46.4624, 23.3490, 29.4307



62.6973, 71.0349, 10.4085



16.1533, 15.9110, 18.3634



22.2437, 11.1699, 14.4657



1.9001, 0.9491, 1.4650

Previews

White Background



This preview shows how the XYZ color 25.2596, 24.8760, 87.4746 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 25.2596, 24.8760, 87.4746 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

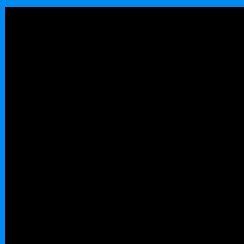
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

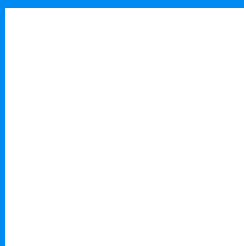
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.2596, 24.8760, 87.4746

Background



This preview shows how black text looks on a background with the XYZ color 25.2596, 24.8760, 87.4746.



This preview shows how white text looks on a background with the XYZ color 25.2596, 24.8760,

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

25.2596, 24.8760, 87.4746

Protanopia

27.6080, 24.7323, 82.6756

Deuteranopia

25.7752, 24.9278, 87.4575



Tritanopia

17.4996, 24.7064, 37.5647

Trichromacy



Original Color

25.2596, 24.8760, 87.4746

Protanomaly

25.7839, 24.3708, 84.2340

Deuteranomaly

25.4464, 24.7583, 87.4421

Tritanomaly

19.7280, 24.5851, 52.4208

Monochromacy



Original Color

25.2596, 24.8760, 87.4746

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

15.2565, 17.1325, 34.4011

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.2596, 24.8760, 87.4746 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(0, 139, 242)` looks like.

```
.text, #text, p{  
    color:rgb(0, 139, 242)  
}
```

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(0, 139, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 139, 242) }
```

Border

The CSS property to change the border of an element to XYZ 25.2596, 24.8760, 87.4746 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(0, 139, 242) }
```


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

```
.border{ border-color:rgb(0, 139, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 139, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 139, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 139, 242);  
box-shadow:4px 4px 4px 4px rgb(0, 139,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 25.2596, 24.8760, 87.4746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 139, 242) }
```

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

```
.background{ background-color: rgb(0, 139,  
242) }
```

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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