

Converting Colors

XYZ(25.2321, 24.1427, 89.5563)

Have a look what the booklet for
XYZ(25.2321, 24.1427, 89.5563)
contains.

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Color

**XYZ(25.2856, 24.2009,
89.7247)**

Conversions

Conversions Part 1

Format	Color
Hex	0088F5
RGB	0, 136, 245
RGB Percent	0%, 53%, 96%
CMY	0.9997, 0.4667, 0.0392
CMYK	1.00, 0.44, 0.00, 0.04
HSL	207°, 100%, 48%
HSV	207°, 100%, 96%
XYZ	25.2856, 24.2009, 89.7247
YIQ	107.7620, -116.0450, 5.0670

Conversions

Conversions Part 2

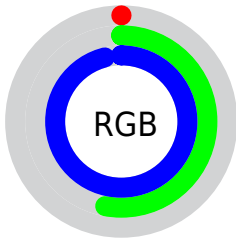
Format	Color
R _Y B	0, 87, 245
Decimal	35061
CIE Lab	56.29, 9.99, -62.87
CIE LCh	56, 63.659, 279.026
Yxy	24.2009, 0.1816, 0.1738
Android (android.graphics.Color)	4278225141 (0xFF0088F5)
YUV	107.7620, 67.6583, -94.5073
Hunter-Lab	49.1944, 5.6576, -73.7018

Details

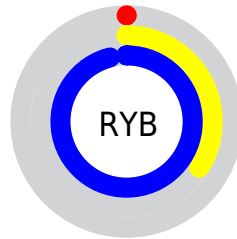
The XYZ color **25.2856, 24.2009, 89.7247** is a dark color, and the websafe version is hex **3399FF**. The color can be described as dark saturated azure. A complement of this color would be **43.1330, 30.3652, 3.5897**, and the grayscale version is **14.0337, 14.7646, 16.0786**.

A 20% lighter version of the original color is **42.5543, 46.8664, 101.4110**, and **12.4853, 10.4472, 48.9354** is the 20% darker color. If you saturate the color by 10%, you get **25.2813, 24.1922, 89.7238**, and if you desaturate by 10%, it is **27.2907, 27.6314, 90.2818**.

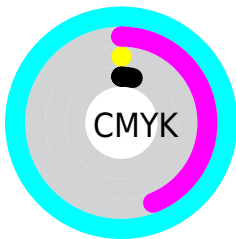
Distribution



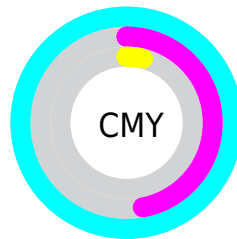
- Red (0%)
- Green (53%)
- Blue (96%)



- Red (0%)
- Yellow (34%)
- Blue (96%)



- Cyan (100%)
- Magenta (44%)
- Yellow (0%)
- Black (4%)



- Cyan (100%)
- Magenta (47%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.2856, 24.2009, 89.7247 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 25.2856, 24.2009, 89.7247 by changing the saturation by 10% instead.

■ 25.2856, 24.2009,
89.7247

■ 25.2856, 24.2009,
89.7247

271.5788,
273.8346, 547.6819

■ 16.4198, 15.4827,
67.1799

■ 51.5597, 50.3578,
148.8881

■ 9.9144, 9.1589,
48.7683

■ 69.6988, 68.5654,
186.3438

■ 5.4041, 4.8449,
34.0714

■ 91.6597, 90.7048,
229.6069

■ 2.5234, 2.1566,
22.6707

■ 117.8077,
117.1606, 279.0959

■ 0.9071, 0.6962,
14.1475

■ 148.5083,
148.3171, 335.2293

■ 0.0000, 0.0000,
8.0834

184.1268,

■ 0.0000, 0.0000,

184.5586, 398.4258

4.0598

225.0285,
226.2697, 469.1038

■ 0.0000, 0.0000,
1.6582

■ 0.0000, 0.0000,
0.3319

■ 25.2856, 24.2009,
89.7247

■ 25.2856, 24.2009,
89.7247

■ 25.2813, 24.1922,
89.7238

■ 27.2907, 27.6314,
90.2818

■ 29.9456, 31.6353,
90.9147

■ 33.4068, 36.2997,
91.6326

■ 37.7695, 41.6799,
92.4411

■ 43.1143, 47.8231,
93.3452

■ 49.5116, 54.7715,
94.3492

■ 57.0252, 62.5634,
95.4571

■ 65.7132, 71.2342,
96.6729

■ 75.6297, 80.8168,
97.9998

Harmonies

Analogous

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



18.3158, 24.2009, 84.8907



25.2856, 24.2009, 89.7247



33.0705, 24.2009, 71.8100

Triad

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



25.2856, 24.2009, 89.7247



35.7850, 24.2009, 8.2268



12.1896, 24.2009, 14.3792

Complementary

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



25.2856, 24.2009, 89.7247



43.1330, 30.3652, 3.5897

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.



15.2180, 24.2009, 5.7836



25.2856, 24.2009, 89.7247



28.4267, 24.2009, 3.7714

Square

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



25.2856, 24.2009, 89.7247



39.9244, 24.2009, 20.5104



20.8606, 24.2009, 3.2070



11.6990, 24.2009, 33.2060

Rectangle

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



25.2856, 24.2009, 89.7247



37.3312, 24.2009, 53.0715



20.8606, 24.2009, 3.2070



12.9081, 24.2009, 10.5544

Sweetspot

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



25.2867, 24.2016, 89.7254



62.3698, 68.4337, 104.5295



35.2658, 66.3506, 24.6405



12.5738, 13.8520, 22.2609



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.



25.2867, 24.2016, 89.7254



27.6515, 26.4230, 98.2505



16.6737, 6.9756, 86.8544



16.3438, 17.4520, 21.0497



13.7599, 13.3135, 48.3826



1.3118, 1.3750, 4.2865

Inverse Universe

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



42.1012, 21.1917, 25.1642



46.0864, 23.1986, 27.4508



65.5855, 75.2700, 11.0739



16.8841, 16.6365, 19.1364



22.7499, 11.4434, 13.9230



2.0512, 1.0264, 1.4960

Previews

White Background



This preview shows how the XYZ color 25.2856, 24.2009, 89.7247 looks on a white background.

Color Contrast Check

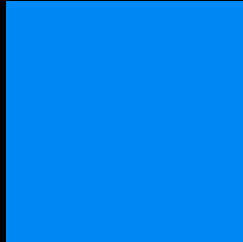
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.2856, 24.2009, 89.7247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

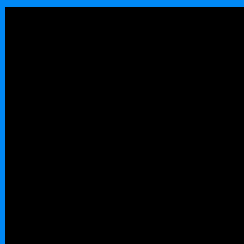
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

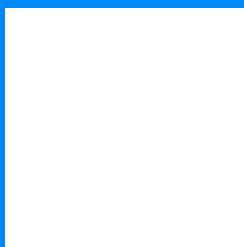
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.2856, 24.2009, 89.7247

Background



This preview shows how black text looks on a background with the XYZ color 25.2856, 24.2009, 89.7247.



This preview shows how white text looks on a background with the XYZ color 25.2856, 24.2009,

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

25.2856, 24.2009, 89.7247

Protanopia

27.1760, 24.2584, 84.9114

Deuteranopia

24.9727, 24.3021, 87.3790



Tritanopia

17.0055, 23.9981, 36.5367

Trichromacy



Original Color

25.2856, 24.2009, 89.7247

Protanomaly

25.6809, 23.8560, 86.4702

Deuteranomaly

25.1233, 24.3624, 88.1723

Tritanomaly

19.2675, 23.6642, 52.2673

Monochromacy



Original Color

25.2856, 24.2009, 89.7247

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

15.1042, 16.6907, 34.7733

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.2856, 24.2009, 89.7247 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, 136, 245)` looks like.

```
.text, #text, p{  
    color:rgb(0, 136, 245)  
}
```

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, 136, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 136, 245) }
```

Border

The CSS property to change the border of an element to XYZ 25.2856, 24.2009, 89.7247 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, 136, 245) }
```


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

```
.border{ border-color:rgb(0, 136, 245) }
```

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

Here you see how a box with a 4 pixel rgb(0, 136, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 136, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 136, 245);  
box-shadow:4px 4px 4px 4px rgb(0, 136,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 25.2856, 24.2009, 89.7247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 136, 245) }
```

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

```
.background{ background-color: rgb(0, 136,  
245) }
```

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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