

Converting Colors

XYZ(25.8430, 24.9628, 87.4606)

Have a look what the booklet for
XYZ(25.8430, 24.9628, 87.4606)
contains.

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Color

**XYZ(25.8430, 24.9628,
87.4606)**

Conversions

Conversions Part 1

Format	Color
Hex	248AF2
RGB	36, 138, 242
RGB Percent	14%, 54%, 95%
CMY	0.8587, 0.4588, 0.0510
CMYK	0.85, 0.43, 0.00, 0.05
HSL	210°, 89%, 55%
HSV	210°, 85%, 95%
XYZ	25.8430, 24.9628, 87.4606
YIQ	119.3580, -94.1760, 10.7200

Conversions

Conversions Part 2

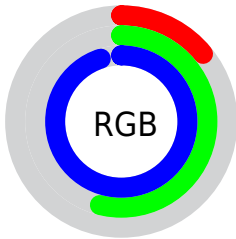
Format	Color
R _Y B	36, 104, 242
Decimal	2394866
CIE Lab	57.04, 9.10, -59.99
CIE LCh	57, 60.671, 278.623
Yxy	24.9628, 0.1869, 0.1805
Android (android.graphics.Color)	4280584946 (0xFF248AF2)
YUV	119.3580, 60.4625, -73.1050
Hunter-Lab	49.9628, 4.8934, -68.8141

Details

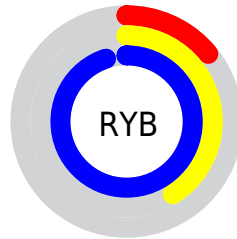
The XYZ color **25.8430, 24.9628, 87.4606** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle washed azure. A complement of this color would be **46.3184, 37.7678, 6.5196**, and the grayscale version is **17.4862, 18.3968, 20.0341**.

A 20% lighter version of the original color is **44.1520, 48.3332, 101.6099**, and **12.3293, 10.6475, 47.3043** is the 20% darker color. If you saturate the color by 10%, you get **23.6093, 21.3538, 86.8823**, and if you desaturate by 10%, it is **28.8455, 29.2613, 88.1326**.

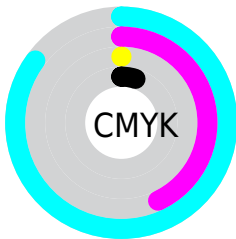
Distribution



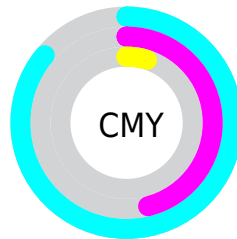
- Red (14%)
- Green (54%)
- Blue (95%)



- Red (14%)
- Yellow (41%)
- Blue (95%)



- Cyan (85%)
- Magenta (43%)
- Yellow (0%)
- Black (5%)



- Cyan (86%)
- Magenta (46%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.8430, 24.9628, 87.4606 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 25.8430, 24.9628, 87.4606 by changing the saturation by 10% instead.

■ 25.8430, 24.9628,
87.4606

■ 25.8430, 24.9628,
87.4606

274.2814,
277.6526, 540.0907

■ 16.8383, 16.0493,
65.3146

■ 52.4547, 51.5969,
145.7105

■ 10.2138, 9.5591,
47.2633

■ 70.7923, 70.0863,
182.6515

■ 5.6043, 5.1076,
32.8880

■ 92.9717, 92.5364,
225.3613

■ 2.6444, 2.3105,
21.7703

■ 119.3581,
119.3318, 274.2584

■ 0.9686, 0.7793,
13.4915

■ 150.3169,
150.8567, 329.7613

■ 0.0000, 0.0000,
7.6332

186.2135,

■ 0.0000, 0.0000,

187.4955, 392.2887

3.7767

227.4132,
229.6327, 462.2589

■ 0.0000, 0.0000,
1.5037

■ 0.0000, 0.0000,
0.2207

■ 25.8430, 24.9628,
87.4606

■ 25.8430, 24.9628,
87.4606

■ 23.6093, 21.3538,
86.8823

■ 28.8455, 29.2613,
88.1326

■ 22.7211, 19.7987,
86.6290

■ 32.7190, 34.3107,
88.9031

■ 37.5509, 40.1649,
89.7784

■ 43.4162, 46.8712,
90.7637

■ 50.3816, 54.4719,
91.8637

■ 58.5079, 63.0063,
93.0827

■ 67.8512, 72.5107,
94.4248

■ 78.4635, 83.0195,
95.8939

■ 90.3940, 94.5650,
97.4935

Harmonies

Analogous

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



19.0694, 24.9628, 82.6293



25.8430, 24.9628, 87.4606



33.3598, 24.9628, 70.8749

Triad

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



25.8430, 24.9628, 87.4606



36.1378, 24.9628, 9.2938



13.1080, 24.9628, 15.2281

Complementary

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



25.8430, 24.9628, 87.4606



46.3184, 37.7678, 6.5196

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.



16.1529, 24.9628, 6.5911



25.8430, 24.9628, 87.4606



29.0859, 24.9628, 4.5558

Square

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



25.8430, 24.9628, 87.4606



40.0368, 24.9628, 21.7055



21.7286, 24.9628, 3.9030



12.5842, 24.9628, 33.5059

Rectangle

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



25.8430, 24.9628, 87.4606



37.4701, 24.9628, 53.1949



21.7286, 24.9628, 3.9030



13.8364, 24.9628, 11.4277

Sweetspot

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



25.8441, 24.9635, 87.4613



64.9571, 69.9908, 104.6937



37.1418, 65.7446, 35.1631



13.2001, 14.2479, 22.3044



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.



25.8441, 24.9635, 87.4613



25.5426, 22.2053, 97.5475



17.3871, 8.0495, 84.6423



15.5436, 16.5214, 20.0913



12.3423, 10.9088, 46.5830



1.1262, 1.1064, 3.9084

Inverse Universe

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



41.8373, 21.9755, 26.0817



45.0219, 22.7728, 21.8454



68.6893, 82.5096, 13.9765



16.0991, 15.8893, 18.0780



21.5554, 10.8946, 10.8414



1.8434, 0.9264, 1.1662

Previews

White Background



This preview shows how the XYZ color 25.8430, 24.9628, 87.4606 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 25.8430, 24.9628, 87.4606 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

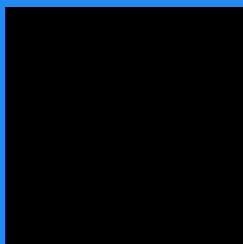
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

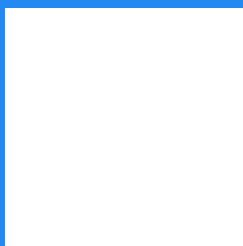
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.8430, 24.9628, 87.4606

Background



This preview shows how black text looks on a background with the XYZ color 25.8430, 24.9628, 87.4606.



This preview shows how white text looks on a background with the XYZ color 25.8430, 24.9628,

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

25.8430, 24.9628, 87.4606

Protanopia

27.6571, 24.7408, 83.4385

Deuteranopia

25.8086, 24.9451, 87.4590



Tritanopia

17.5882, 24.7419, 38.0311

Trichromacy



Original Color

25.8430, 24.9628, 87.4606

Protanomaly

26.6309, 24.5843, 85.0030

Deuteranomaly

25.8086, 24.9451, 87.4590

Tritanomaly

19.8488, 24.4049, 52.9547

Monochromacy



Original Color

25.8430, 24.9628, 87.4606

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

18.2815, 19.7259, 37.9659

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.8430, 24.9628, 87.4606 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(36, 138, 242)` looks like.

```
.text, #text, p{  
  color:rgb(36, 138, 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(36, 138, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 138, 242) }
```

Border

The CSS property to change the border of an element to XYZ 25.8430, 24.9628, 87.4606 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(36, 138, 242) }
```


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

```
.border{ border-color:rgb(36, 138, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 138, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 138, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 138, 242);  
box-shadow:4px 4px 4px 4px rgb(36, 138,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 25.8430, 24.9628, 87.4606 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 138, 242) }
```

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

```
.background{ background-color: rgb(36, 138,  
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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