

Converting Colors

XYZ(24.2760, 24.1331, 26.1376)

Have a look what the booklet for
XYZ(24.2760, 24.1331, 26.1376)
contains.

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Color

**XYZ(24.3435, 24.0929,
26.2890)**

Conversions

Conversions Part 1

Format	Color
Hex	928387
RGB	146, 131, 135
RGB Percent	57%, 51%, 53%
CMY	0.4274, 0.4863, 0.4706
CMYK	0.00, 0.10, 0.08, 0.43
HSL	344°, 6%, 54%
HSV	344°, 10%, 57%
XYZ	24.3435, 24.0929, 26.2890
YIQ	135.9410, 7.6560, 4.4240

Conversions

Conversions Part 2

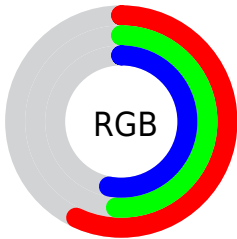
Format	Color
R_{YB}	146, 131, 135
Decimal	9601927
CIE Lab	56.18, 6.41, -0.09
CIE LCh	56, 6.407, 359.210
Yxy	24.0929, 0.3258, 0.3224
Android (android.graphics.Color)	4287792007 (0xFF928387)
YUV	135.9410, -0.4639, 8.8217
Hunter-Lab	49.0845, 2.6293, 2.6042

Details

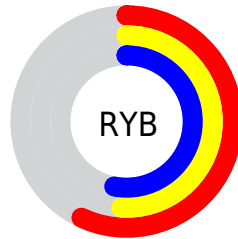
The XYZ color **24.3435, 24.0929, 26.2890** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.5224, 27.3366, 29.5765**, and the grayscale version is **23.3799, 24.5975, 26.7867**.

A 20% lighter version of the original color is **50.0370, 50.1912, 54.6276**, and **9.3763, 9.1234, 9.8611** is the 20% darker color. If you saturate the color by 10%, you get **21.8028, 20.1578, 21.9075**, and if you desaturate by 10%, it is **27.2378, 28.6132, 31.1631**.

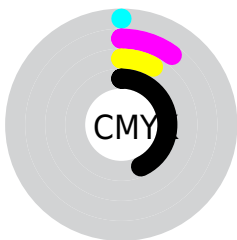
Distribution



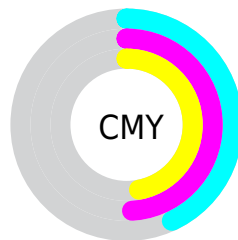
- Red (57%)
- Green (51%)
- Blue (53%)



- Red (57%)
- Yellow (51%)
- Blue (53%)



- Cyan (0%)
- Magenta (10%)
- Yellow (8%)
- Black (43%)



- Cyan (43%)
- Magenta (49%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.3435, 24.0929, 26.2890 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 24.3435, 24.0929, 26.2890 by changing the saturation by 10% instead.

■ 24.3435, 24.0929,
26.2890

■ 24.3435, 24.0929,
26.2890

266.9609,
273.2898, 297.8484

■ 15.7147, 15.4025,
16.8123

■ 50.0408, 50.1818,
54.7306

■ 9.4121, 9.1024,
9.9402

■ 67.8400, 68.3491,
74.5326

■ 5.0702, 4.8080,
5.2542

■ 89.4267, 90.4441,
98.6133

■ 2.3237, 2.1351,
2.3359

115.1664,
116.8513, 127.3915

■ 0.8067, 0.6842,
0.7512

145.4243,
147.9551, 161.2855

■ 0.0000, 0.0000,
0.0000

180.5657,

184.1399, 200.7140

220.9562,
225.7900, 246.0954

■ 24.3435, 24.0929,
26.2890

■ 24.3435, 24.0929,
26.2890

■ 21.8028, 20.1578,
21.9075

■ 27.2378, 28.6132,
31.1631

■ 19.5998, 16.7807,
18.0015

■ 30.4966, 33.7379,
36.5432

■ 17.7207, 13.9372,
14.5552

■ 34.1328, 39.4894,
42.4440

■ 16.1498, 11.5998,
11.5511

■ 38.1581, 45.8880,
48.8791

■ 14.8698, 9.7385,
8.9708

■ 42.5839, 52.9530,
55.8618

■ 13.8620, 8.3200,
6.7943

■ 47.4207, 60.7030,
63.4045

■ 13.1054, 7.3068,
5.0001

■ 52.6790, 69.1557,
71.5197

■ 12.5753, 6.6552,
3.5643

■ 58.3686, 78.3284,
80.2192

■ 12.2189, 6.2569,
2.4756

■ 62.0916, 83.4220,
88.7118

Harmonies

Analogous

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



24.1365, 24.0929, 28.3623



24.3435, 24.0929, 26.2890



24.1567, 24.0929, 24.3051

Triad

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



24.3435, 24.0929, 26.2890



22.2161, 24.0929, 22.8531



22.1830, 24.0929, 29.8698

Complementary

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



24.3435, 24.0929, 26.2890



24.5224, 27.3366, 29.5765

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.



21.6868, 24.0929, 28.2604



24.3435, 24.0929, 26.2890



21.7056, 24.0929, 24.2132

Square

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



24.3435, 24.0929, 26.2890



22.9191, 24.0929, 22.3868



21.5139, 24.0929, 26.1772



22.8801, 24.0929, 30.4965

Rectangle

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



24.3435, 24.0929, 26.2890



23.8363, 24.0929, 23.2835



21.5139, 24.0929, 26.1772



21.9877, 24.0929, 29.4217

Sweetspot

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



24.3442, 24.0940, 26.2895



46.5627, 48.1473, 52.4883



24.4607, 24.0599, 30.5491



10.2705, 10.5735, 11.5292



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



24.3442, 24.0940, 26.2895



42.0135, 41.0554, 44.7858



24.5459, 24.9394, 24.9942



5.8605, 5.8393, 6.3716



10.7609, 5.5094, 2.2220



0.1426, 0.0718, 0.0844

Inverse Universe

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



24.3442, 24.0940, 26.2895



42.0135, 41.0554, 44.7858



24.2967, 26.3964, 31.0087



5.8605, 5.8393, 6.3716



10.7609, 5.5094, 2.2220



0.1426, 0.0718, 0.0844

Previews

White Background



This preview shows how the XYZ color 24.3435, 24.0929, 26.2890 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 24.3435, 24.0929, 26.2890 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

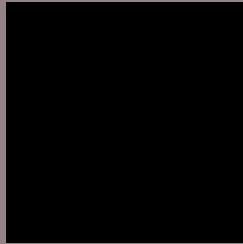
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.3435, 24.0929, 26.2890

Background



This preview shows how black text looks on a background with the XYZ color 24.3435, 24.0929, 26.2890.



This preview shows how white text looks on a background with the XYZ color 24.3435, 24.0929,

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

24.3435, 24.0929, 26.2890

Protanopia

23.1938, 24.0906, 27.0944

Deuteranopia

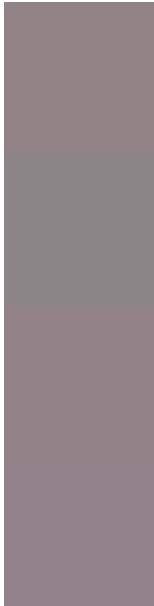
24.3884, 23.9176, 26.2528



Tritanopia

24.7489, 24.0618, 28.1509

Trichromacy



Original Color

24.3435, 24.0929, 26.2890

Protanomaly

23.6467, 24.1281, 26.7034

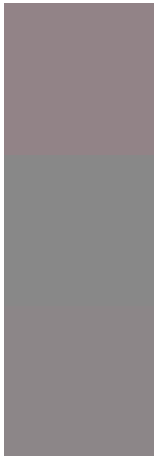
Deuteranomaly

24.3884, 23.9176, 26.2528

Tritanomaly

24.6027, 24.0033, 27.3812

Monochromacy



Original Color

24.3435, 24.0929, 26.2890

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

23.7842, 24.4032, 26.7493

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.3435, 24.0929, 26.2890 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(146, 131, 135)` looks like.

```
.text, #text, p{  
    color:rgb(146, 131, 135)  
}
```

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(146, 131, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 131, 135) }
```

Border

The CSS property to change the border of an element to XYZ 24.3435, 24.0929, 26.2890 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(146, 131, 135) }
```


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

```
.border{ border-color:rgb(146, 131, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 131, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 131, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 131, 135);  
box-shadow:4px 4px 4px 4px rgb(146, 131,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 24.3435, 24.0929, 26.2890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 131, 135) }
```

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

```
.background{ background-color: rgb(146,  
131, 135) }
```

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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