

Converting Colors

XYZ(23.9437, 25.0588, 35.3100)

Have a look what the booklet for
XYZ(23.9437, 25.0588, 35.3100)
contains.

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Color

**XYZ(24.0764, 25.2005,
35.4935)**

Conversions

Conversions Part 1

Format	Color
Hex	808A9D
RGB	128, 138, 157
RGB Percent	50%, 54%, 62%
CMY	0.4980, 0.4588, 0.3843
CMYK	0.18, 0.12, 0.00, 0.38
HSL	219°, 13%, 56%
HSV	219°, 18%, 62%
XYZ	24.0764, 25.2005, 35.4935
YIQ	137.1760, -12.0590, 3.7890

Conversions

Conversions Part 2

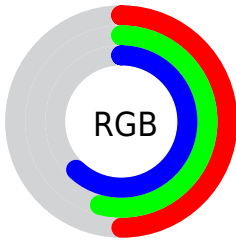
Format	Color
R_{YB}	128, 135, 157
Decimal	8424093
CIE _{Lab}	57.27, 0.54, -11.32
CIE _{LCh}	57, 11.330, 272.754
Yxy	25.2005, 0.2840, 0.2973
Android (android.graphics.Color)	4286614173 (0xFF808A9D)
YUV	137.1760, 9.7732, -8.0474
Hunter-Lab	50.2001, -2.2400, -6.7804

Details

The XYZ color **24.0764, 25.2005, 35.4935** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **28.2349, 29.5941, 24.6468**, and the grayscale version is **23.8125, 25.0526, 27.2823**.

A 20% lighter version of the original color is **49.5705, 51.8388, 69.6806**, and **9.2331, 9.6398, 15.0097** is the 20% darker color. If you saturate the color by 10%, you get **20.4888, 21.2637, 34.9231**, and if you desaturate by 10%, it is **28.1707, 29.6073, 36.1287**.

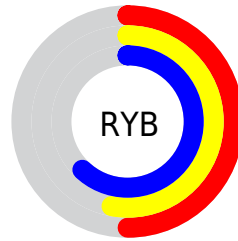
Distribution



Red (50%)

Green (54%)

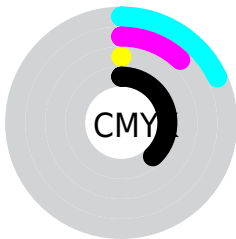
Blue (62%)



Red (50%)

Yellow (53%)

Blue (62%)

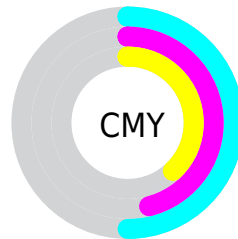


Cyan (18%)

Magenta (12%)

Yellow (0%)

Black (38%)



Cyan (50%)

Magenta (46%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.0764, 25.2005, 35.4935 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 24.0764, 25.2005, 35.4935 by changing the saturation by 10% instead.

■ 24.0764, 25.2005,
35.4935

■ 24.0764, 25.2005,
35.4935

265.6398,
278.8350, 341.7115

■ 15.5153, 16.2265,
23.7567

■ 49.6086, 51.9823,
69.4098

■ 9.2705, 9.6846,
14.9427

■ 67.3105, 70.5589,
92.4264

■ 4.9766, 5.1903,
8.6330

■ 88.7900, 93.1051,
120.0399

■ 2.2681, 2.3594,
4.4091

114.4125,
120.0054, 152.6690

■ 0.7783, 0.8049,
1.8523

144.5434,
151.6442, 190.7322

■ 0.0000, 0.0000,
0.4621

179.5480,

■ 0.0000, 0.0000,

188.4057, 234.6479

0.0000

219.7917,
230.6745, 284.8349

■ 24.0764, 25.2005,
35.4935

■ 24.0764, 25.2005,
35.4935

■ 20.4888, 21.2637,
34.9231

■ 28.1707, 29.6073,
36.1287

■ 17.3851, 17.7775,
34.4138

■ 32.7888, 34.4964,
36.8290

■ 14.7438, 14.7254,
33.9639

■ 37.9498, 39.8837,
37.5968

■ 12.5411, 12.0889,
33.5711

■ 43.6711, 45.7833,
38.4340

■ 10.7508, 9.8478,
33.2329

■ 49.9694, 52.2087,
39.3423

■ 9.3436, 7.9801,
32.9465

■ 56.8605, 59.1728,
40.3233

■ 8.2858, 6.4610,
32.7091

■ 64.3598, 66.6882,
41.3787

■ 7.5166, 5.2511,
32.5161

■ 72.4820, 74.7671,
42.5100

■ 7.4119, 5.0864,
32.4898

■ 75.7821, 80.6067,
43.4632

Harmonies

Analogous

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



22.7915, 25.2005, 34.5399



24.0764, 25.2005, 35.4935



25.3743, 25.2005, 34.1279

Triad

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



24.0764, 25.2005, 35.4935



26.1863, 25.2005, 23.6355



21.7328, 25.2005, 24.1961

Complementary

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



24.0764, 25.2005, 35.4935



28.2349, 29.5941, 24.6468

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.



22.5845, 25.2005, 21.6868



24.0764, 25.2005, 35.4935



25.1520, 25.2005, 21.3849

Square

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



24.0764, 25.2005, 35.4935



26.6205, 25.2005, 27.0858



23.8287, 25.2005, 20.7058



21.4686, 25.2005, 27.7953

Rectangle

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



24.0764, 25.2005, 35.4935



26.0635, 25.2005, 32.1542



23.8287, 25.2005, 20.7058



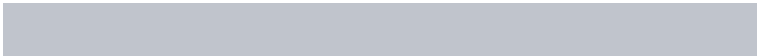
21.9583, 25.2005, 23.2090

Sweetspot

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



24.0772, 25.2015, 35.4941



52.3123, 55.0062, 64.9869



26.2143, 30.8055, 32.1070



11.4076, 11.9938, 14.2842



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



24.0772, 25.2015, 35.4941



40.4729, 42.2467, 63.1480



23.3761, 22.8071, 35.0688



6.4625, 6.7907, 8.3768



6.0516, 4.1946, 26.3979



0.1457, 0.1499, 0.4845

Inverse Universe

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



26.2119, 24.4421, 27.3822



45.0191, 40.7543, 45.8445



29.0246, 32.4112, 25.1489



6.7228, 6.6820, 7.3913



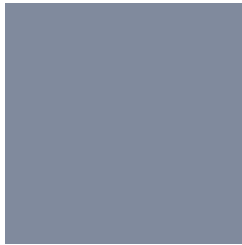
11.8528, 6.0457, 3.4756



0.2308, 0.1157, 0.1617

Previews

White Background



This preview shows how the XYZ color 24.0764, 25.2005, 35.4935 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 24.0764, 25.2005, 35.4935 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

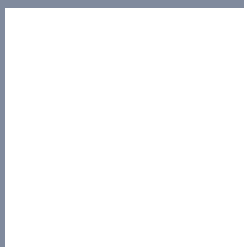
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.0764, 25.2005, 35.4935

Background



This preview shows how black text looks on a background with the XYZ color 24.0764, 25.2005, 35.4935.



This preview shows how white text looks on a background with the XYZ color 24.0764, 25.2005,

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

24.0764, 25.2005, 35.4935

Protanopia

24.6364, 25.0770, 34.9943

Deuteranopia

25.6812, 25.1815, 35.8547



Tritanopia

23.4900, 25.1793, 32.4762

Trichromacy



Original Color

24.0764, 25.2005, 35.4935

Protanomaly

24.4621, 25.1972, 35.0267

Deuteranomaly

24.9889, 25.0308, 35.8621

Tritanomaly

23.7348, 25.2772, 33.7650

Monochromacy



Original Color

24.0764, 25.2005, 35.4935

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

23.8112, 24.9733, 29.9509

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.0764, 25.2005, 35.4935 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(128, 138, 157)` looks like.

```
.text, #text, p{  
    color:rgb(128, 138, 157)  
}
```

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(128, 138, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 138, 157) }
```

Border

The CSS property to change the border of an element to XYZ 24.0764, 25.2005, 35.4935 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(128, 138, 157) }
```


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

```
.border{ border-color:rgb(128, 138, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 138, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 138, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 138, 157);  
box-shadow:4px 4px 4px 4px rgb(128, 138,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 24.0764, 25.2005, 35.4935 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 138, 157) }
```

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

```
.background{ background-color: rgb(128,  
138, 157) }
```

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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