

Converting Colors

XYZ(24.0288, 24.8883, 36.5107)

Have a look what the booklet for
XYZ(24.0288, 24.8883, 36.5107)
contains.

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Color

**XYZ(24.1058, 24.9837,
36.3527)**

Conversions

Conversions Part 1

Format	Color
Hex	80899F
RGB	128, 137, 159
RGB Percent	50%, 54%, 62%
CMY	0.4980, 0.4627, 0.3765
CMYK	0.19, 0.14, 0.00, 0.38
HSL	223°, 14%, 56%
HSV	223°, 19%, 62%
XYZ	24.1058, 24.9837, 36.3527
YIQ	136.8170, -12.4260, 4.9340

Conversions

Conversions Part 2

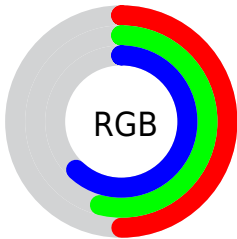
Format	Color
R_{YB}	128, 135, 159
Decimal	8423839
CIE _{Lab}	57.06, 1.58, -12.78
CIE _{LCh}	57, 12.879, 277.053
Yxy	24.9837, 0.2821, 0.2924
Android (android.graphics.Color)	4286613919 (0xFF80899F)
YUV	136.8170, 10.9362, -7.7325
Hunter-Lab	49.9837, -1.3857, -8.1325

Details

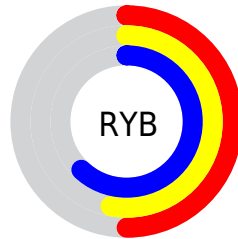
The XYZ color **24.1058, 24.9837, 36.3527** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **29.1011, 30.7424, 24.8229**, and the grayscale version is **23.6728, 24.9056, 27.1222**.

A 20% lighter version of the original color is **49.6071, 51.5057, 70.9453**, and **9.2569, 9.5188, 15.5368** is the 20% darker color. If you saturate the color by 10%, you get **20.3782, 20.8047, 35.7429**, and if you desaturate by 10%, it is **28.3775, 29.6935, 37.0370**.

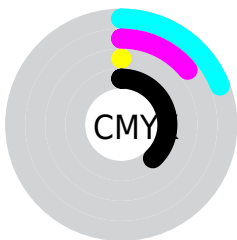
Distribution



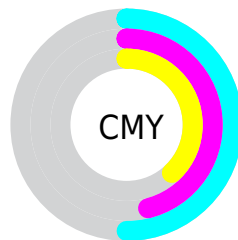
- Red (50%)
- Green (54%)
- Blue (62%)



- Red (50%)
- Yellow (53%)
- Blue (62%)



- Cyan (19%)
- Magenta (14%)
- Yellow (0%)
- Black (38%)



- Cyan (50%)
- Magenta (46%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.1058, 24.9837, 36.3527 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 24.1058, 24.9837, 36.3527 by changing the saturation by 10% instead.

■ 24.1058, 24.9837,
36.3527

■ 24.1058, 24.9837,
36.3527

265.7855,
277.7568, 345.5834

■ 15.5373, 16.0649,
24.4149

■ 49.6562, 51.6308,
70.7513

■ 9.2861, 9.5701,
15.4266

■ 67.3688, 70.1279,
94.0491

■ 4.9869, 5.1149,
8.9694

■ 88.8602, 92.5865,
121.9706

■ 2.2742, 2.3148,
4.6247

114.4956,
119.3911, 154.9345

■ 0.7814, 0.7815,
1.9739

144.6405,
150.9260, 193.3591

■ 0.0000, 0.0000,
0.5392

179.6602,

■ 0.0000, 0.0000,

187.5757, 237.6631

0.0000

219.9201,
229.7244, 288.2651

■ 24.1058, 24.9837,
36.3527

■ 24.1058, 24.9837,
36.3527

■ 20.3782, 20.8047,
35.7429

■ 28.3775, 29.6935,
37.0370

■ 17.1699, 17.1342,
35.2036

■ 33.2121, 34.9491,
37.7967

■ 14.4573, 13.9528,
34.7324

■ 38.6305, 40.7690,
38.6344

■ 12.2145, 11.2384,
34.3267

■ 44.6517, 47.1697,
39.5526

■ 10.4125, 8.9674,
33.9834

■ 51.2938, 54.1670,
40.5531

■ 9.0194, 7.1136,
33.6990

■ 58.5742, 61.7761,
41.6381

■ 7.9980, 5.6477,
33.4699

■ 66.5095, 70.0116,
42.8095

■ 7.2741, 4.5204,
33.2904

■ 75.0411, 78.8493,
44.0656

■ 7.2416, 4.4703,
33.2825

■ 78.2340, 85.2352,
45.1299

Harmonies

Analogous

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



22.6283, 24.9837, 35.6330



24.1058, 24.9837, 36.3527



25.5454, 24.9837, 34.4205

Triad

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



24.1058, 24.9837, 36.3527



26.1482, 24.9837, 22.4786



21.1631, 24.9837, 24.0778

Complementary

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



24.1058, 24.9837, 36.3527



29.1011, 30.7424, 24.8229

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.



22.0336, 24.9837, 21.0723



24.1058, 24.9837, 36.3527



24.9004, 24.9837, 20.2199

Square

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



24.1058, 24.9837, 36.3527



26.7567, 24.9837, 26.1913



23.3903, 24.9837, 19.7339



20.9705, 24.9837, 28.2405

Rectangle

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



24.1058, 24.9837, 36.3527



26.2761, 24.9837, 31.9981



23.3903, 24.9837, 19.7339



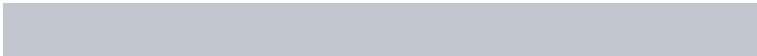
21.3843, 24.9837, 22.9126

Sweetspot

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



24.1066, 24.9847, 36.3533



53.6342, 56.2496, 66.7739



26.7817, 31.5783, 33.4119



11.9769, 12.5562, 15.0360



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



24.1066, 24.9847, 36.3533



40.4266, 41.6831, 64.6584



23.8413, 23.0271, 35.9894



6.4339, 6.7335, 8.3673



5.7518, 3.5952, 26.2980



0.1366, 0.1318, 0.4815

Inverse Universe

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



26.5333, 24.6162, 27.0209



45.5393, 41.0227, 44.9706



29.3941, 33.1081, 25.2641



6.7083, 6.6763, 7.3152



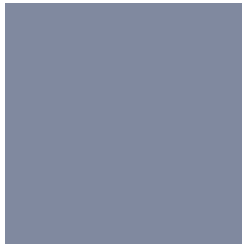
11.7015, 5.9852, 2.6789



0.2263, 0.1138, 0.1376

Previews

White Background



This preview shows how the XYZ color 24.1058, 24.9837, 36.3527 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 24.1058, 24.9837, 36.3527 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

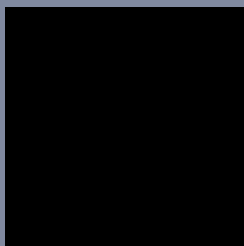
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

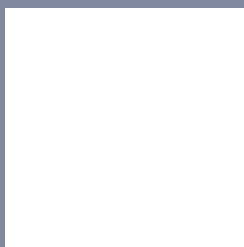
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.1058, 24.9837, 36.3527

Background



This preview shows how black text looks on a background with the XYZ color 24.1058, 24.9837, 36.3527.

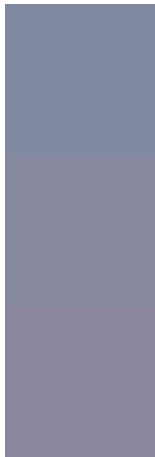


This preview shows how white text looks on a background with the XYZ color 24.1058, 24.9837,

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

24.1058, 24.9837, 36.3527

Protanopia

24.6486, 25.0635, 35.8864

Deuteranopia

25.3802, 24.8021, 36.7073



Tritanopia

23.3418, 25.1029, 32.4693

Trichromacy



Original Color

24.1058, 24.9837, 36.3527

Protanomaly

24.3358, 24.9022, 35.8717

Deuteranomaly

24.8619, 24.7392, 36.7225

Tritanomaly

23.5906, 24.9889, 33.7170

Monochromacy



Original Color

24.1058, 24.9837, 36.3527

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

23.8880, 25.0040, 30.3553

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.1058, 24.9837, 36.3527 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, 137, 159)` looks like.

```
.text, #text, p{  
    color:rgb(128, 137, 159)  
}
```

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, 137, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 137, 159) }
```

Border

The CSS property to change the border of an element to XYZ 24.1058, 24.9837, 36.3527 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, 137, 159) }
```


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

```
.border{ border-color:rgb(128, 137, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 137, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 137, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 137, 159);  
box-shadow:4px 4px 4px 4px rgb(128, 137,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 24.1058, 24.9837, 36.3527 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 137, 159) }
```

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

```
.background{ background-color: rgb(128,  
137, 159) }
```

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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