

Converting Colors

XYZ(24.9393, 26.5707, 34.6497)

Have a look what the booklet for
XYZ(24.9393, 26.5707, 34.6497)
contains.

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Color

**XYZ(24.9495, 26.5379,
34.8177)**

Conversions

Conversions Part 1

Format	Color
Hex	838E9B
RGB	131, 142, 155
RGB Percent	51%, 56%, 61%
CMY	0.4863, 0.4431, 0.3922
CMYK	0.15, 0.08, 0.00, 0.39
HSL	212°, 11%, 56%
HSV	212°, 15%, 61%
XYZ	24.9495, 26.5379, 34.8177
YIQ	140.1930, -10.7290, 1.7110

Conversions

Conversions Part 2

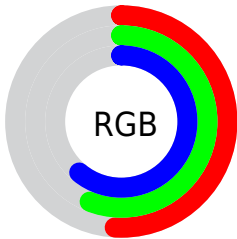
Format	Color
R_{YB}	131, 139, 155
Decimal	8621723
CIE _{Lab}	58.54, -1.17, -8.24
CIE _{LCh}	59, 8.323, 261.936
Yxy	26.5379, 0.2891, 0.3075
Android (android.graphics.Color)	4286811803 (0xFF838E9B)
YUV	140.1930, 7.2999, -8.0623
Hunter-Lab	51.5149, -3.7008, -4.0122

Details

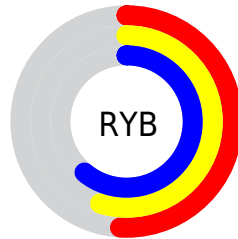
The XYZ color **24.9495, 26.5379, 34.8177** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.5877, 28.5537, 25.5307**, and the grayscale version is **24.9784, 26.2793, 28.6181**.

A 20% lighter version of the original color is **51.0157, 54.2737, 68.1086**, and **9.7192, 10.4031, 14.5924** is the 20% darker color. If you saturate the color by 10%, you get **21.5240, 22.9877, 34.3134**, and if you desaturate by 10%, it is **28.8299, 30.4636, 35.3713**.

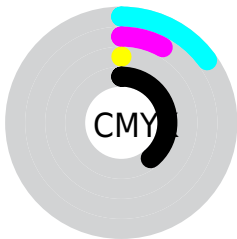
Distribution



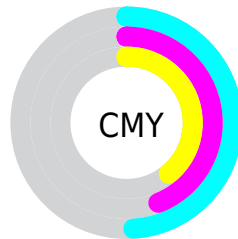
- Red (51%)
- Green (56%)
- Blue (61%)



- Red (51%)
- Yellow (55%)
- Blue (61%)



- Cyan (15%)
- Magenta (8%)
- Yellow (0%)
- Black (39%)



- Cyan (49%)
- Magenta (44%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.9495, 26.5379, 34.8177 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 24.9495, 26.5379, 34.8177 by changing the saturation by 10% instead.

■ 24.9495, 26.5379,
34.8177

■ 24.9495, 26.5379,
34.8177

269.9386,
285.4127, 338.6427

■ 16.1680, 17.2265,
23.2401

■ 51.0188, 54.1414,
68.3516

■ 9.7347, 10.3961,
14.5639

■ 69.0372, 73.2024,
91.1450

■ 5.2843, 5.6624,
8.3707

■ 90.8653, 96.2819,
118.5140

■ 2.4515, 2.6409,
4.2419

116.8685,
123.7645, 150.8772

■ 0.8709, 0.9473,
1.7590

147.4121,
156.0344, 188.6531

■ 0.0000, 0.0000,
0.4007

182.8614,

■ 0.0000, 0.0000,

193.4762, 232.2603

0.0000

223.5818,
236.4741, 282.1173

■ 24.9495, 26.5379,
34.8177

■ 24.9495, 26.5379,
34.8177

■ 21.5240, 22.9877,
34.3134

■ 28.8299, 30.4636,
35.3713

■ 18.5329, 19.7975,
33.8553

■ 33.1796, 34.7731,
35.9739

■ 15.9579, 16.9552,
33.4424

■ 38.0155, 39.4788,
36.6273

■ 13.7783, 14.4468,
33.0731

■ 43.3527, 44.5912,
37.3328

■ 11.9712, 12.2573,
32.7457

■ 49.2059, 50.1205,
38.0916

■ 10.5115, 10.3700,
32.4584

■ 55.5888, 56.0766,
38.9048

■ 9.3702, 8.7664,
32.2090

■ 62.5149, 62.4689,
39.7736

■ 8.5098, 7.4231,
31.9951

■ 69.9962, 69.3061,
40.6990

■ 8.1732, 6.8801,
31.9080

■ 72.1125, 73.5387,
41.4044

Harmonies

Analogous

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



24.0341, 26.5379, 33.5444



24.9495, 26.5379, 34.8177



25.9629, 26.5379, 34.4218

Triad

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



24.9495, 26.5379, 34.8177



27.0858, 26.5379, 26.8484



23.7114, 26.5379, 25.5704

Complementary

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



24.9495, 26.5379, 34.8177



27.5877, 28.5537, 25.5307

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.



24.4983, 26.5379, 23.9943



24.9495, 26.5379, 34.8177



26.4514, 26.5379, 24.6968

Square

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



24.9495, 26.5379, 34.8177



27.2145, 26.5379, 29.6899



25.4995, 26.5379, 23.6856



23.3320, 26.5379, 28.1149

Rectangle

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



24.9495, 26.5379, 34.8177



26.5563, 26.5379, 33.2758



25.4995, 26.5379, 23.6856



23.9360, 26.5379, 24.9171

Sweetspot

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



24.9503, 26.5390, 34.8183



51.9153, 54.8412, 63.3855



26.1007, 30.2760, 30.7742



11.6416, 12.3038, 14.3317



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.



24.9503, 26.5390, 34.8183



42.2028, 44.9775, 61.9935



23.5177, 23.4892, 34.3051



6.1061, 6.4695, 7.8559



6.6020, 5.6008, 25.6408



0.1345, 0.1553, 0.3953

Inverse Universe

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



26.5170, 25.1548, 29.0502



45.6486, 42.0611, 49.2786



29.1831, 31.9715, 26.1063



6.3207, 6.2674, 7.0687



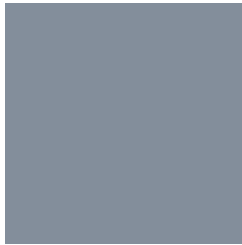
11.7912, 5.9707, 5.4253



0.1943, 0.0965, 0.1762

Previews

White Background



This preview shows how the XYZ color 24.9495, 26.5379, 34.8177 looks on a white background.

Color Contrast Check

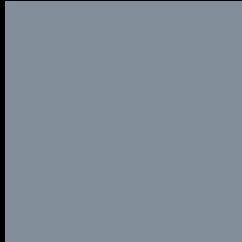
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.9495, 26.5379, 34.8177 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

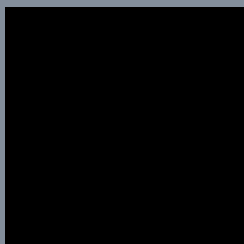
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

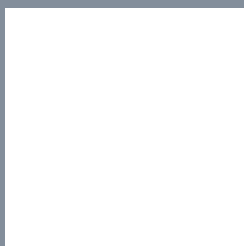
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.9495, 26.5379, 34.8177

Background



This preview shows how black text looks on a background with the XYZ color 24.9495, 26.5379, 34.8177.

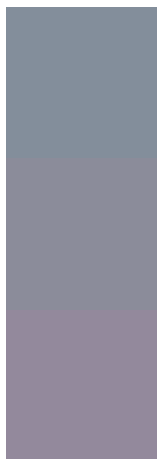


This preview shows how white text looks on a background with the XYZ color 24.9495, 26.5379,

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

24.9495, 26.5379, 34.8177

Protanopia

25.8583, 26.5782, 34.3391

Deuteranopia

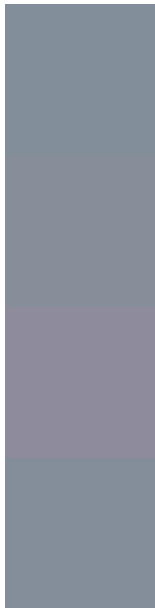
26.9790, 26.4947, 35.1445



Tritanopia

24.8658, 26.5044, 34.3771

Trichromacy



Original Color

24.9495, 26.5379, 34.8177

Protanomaly

25.5110, 26.6171, 34.3649

Deuteranomaly

26.2179, 26.5283, 35.1911

Tritanomaly

24.8658, 26.5044, 34.3771

Monochromacy



Original Color

24.9495, 26.5379, 34.8177

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

24.9522, 26.4125, 30.5711

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.9495, 26.5379, 34.8177 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(131, 142, 155)` looks like.

```
.text, #text, p{  
    color:rgb(131, 142, 155)  
}
```

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(131, 142, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 142, 155) }
```

Border

The CSS property to change the border of an element to XYZ 24.9495, 26.5379, 34.8177 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(131, 142, 155) }
```


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

```
.border{ border-color:rgb(131, 142, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 142, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 142, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 142, 155);  
box-shadow:4px 4px 4px 4px rgb(131, 142,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 24.9495, 26.5379, 34.8177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 142, 155) }
```

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

```
.background{ background-color: rgb(131,  
142, 155) }
```

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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