

Converting Colors

XYZ(25.3272, 27.0277, 34.2964)

Have a look what the booklet for
XYZ(25.3272, 27.0277, 34.2964)
contains.

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Color

**XYZ(25.3281, 26.9646,
34.4416)**

Conversions

Conversions Part 1

Format	Color
Hex	858F9A
RGB	133, 143, 154
RGB Percent	52%, 56%, 60%
CMY	0.4784, 0.4392, 0.3961
CMYK	0.14, 0.07, 0.00, 0.40
HSL	211°, 9%, 56%
HSV	211°, 14%, 60%
XYZ	25.3281, 26.9646, 34.4416
YIQ	141.2640, -9.4910, 1.3010

Conversions

Conversions Part 2

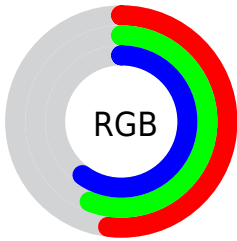
Format	Color
R_{YB}	133, 140, 154
Decimal	8753050
CIE Lab	58.94, -1.27, -7.06
CIE LCh	59, 7.175, 259.810
Yxy	26.9646, 0.2920, 0.3109
Android (android.graphics.Color)	4286943130 (0xFF858F9A)
YUV	141.2640, 6.2788, -7.2475
Hunter-Lab	51.9274, -3.8080, -2.9757

Details

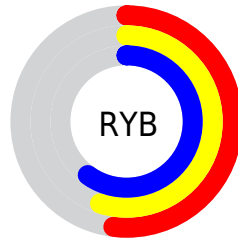
The XYZ color **25.3281, 26.9646, 34.4416** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.5335, 28.5099, 26.2427**, and the grayscale version is **25.4005, 26.7233, 29.1017**.

A 20% lighter version of the original color is **51.6011, 54.9257, 67.5566**, and **9.9298, 10.6470, 14.3637** is the 20% darker color. If you saturate the color by 10%, you get **21.9054, 23.4675, 33.9474**, and if you desaturate by 10%, it is **29.1960, 30.8218, 34.9827**.

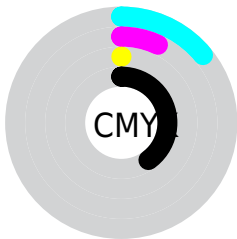
Distribution



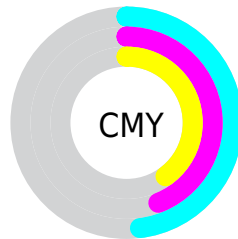
- Red (52%)
- Green (56%)
- Blue (60%)



- Red (52%)
- Yellow (55%)
- Blue (60%)



- Cyan (14%)
- Magenta (7%)
- Yellow (0%)
- Black (40%)



- Cyan (48%)
- Magenta (44%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.3281, 26.9646, 34.4416 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 25.3281, 26.9646, 34.4416 by changing the saturation by 10% instead.

■ 25.3281, 26.9646,
34.4416

■ 25.3281, 26.9646,
34.4416

271.7856,
287.4857, 336.9257

■ 16.4517, 17.5466,
22.9530

■ 51.6281, 54.8271,
67.7615

■ 9.9372, 10.6250,
14.3538

■ 69.7823, 74.0403,
90.4299

■ 5.4193, 5.8153,
8.2256

■ 91.7600, 97.2875,
117.6619

■ 2.5326, 2.7331,
4.1498

117.9263,
124.9530, 149.8761

■ 0.9117, 0.9940,
1.7079

148.6466,
157.4211, 187.4911

■ 0.0000, 0.0000,
0.3661

184.2864,

■ 0.0000, 0.0000,

195.0764, 230.9253

0.0000

225.2109,
238.3031, 280.5973

■ 25.3281, 26.9646,
34.4416

■ 25.3281, 26.9646,
34.4416

■ 21.9054, 23.4675,
33.9474

■ 29.1960, 30.8218,
34.9827

■ 18.9081, 20.3156,
33.4970

■ 33.5229, 35.0469,
35.5701

■ 16.3187, 17.4977,
33.0896

■ 38.3251, 39.6513,
36.2058

■ 14.1172, 15.0007,
32.7236

■ 43.6172, 44.6452,
36.8908

■ 12.2820, 12.8103,
32.3976

■ 49.4133, 50.0381,
37.6262

■ 10.7888, 10.9111,
32.1097

■ 55.7267, 55.8394,
38.4132

■ 9.6103, 9.2856,
31.8580

■ 62.5704, 62.0580,
39.2528

■ 8.7142, 7.9138,
31.6405

■ 69.5131, 68.4737,
40.1253

■ 8.2383, 7.1442,
31.5170

■ 71.5239, 72.4953,
40.7955

Harmonies

Analogous

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



24.5427, 26.9646, 33.2569



25.3281, 26.9646, 34.4416



26.2122, 26.9646, 34.2060

Triad

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



25.3281, 26.9646, 34.4416



27.2696, 26.9646, 27.7333



24.3465, 26.9646, 26.3153

Complementary

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



25.3281, 26.9646, 34.4416



27.5335, 28.5099, 26.2427

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.



25.0546, 26.9646, 24.9945



25.3281, 26.9646, 34.4416



26.7470, 26.9646, 25.7798

Square

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



25.3281, 26.9646, 34.4416



27.3469, 26.9646, 30.2337



25.9324, 26.9646, 24.8043



23.9847, 26.9646, 28.5031

Rectangle

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



25.3281, 26.9646, 34.4416



26.7381, 26.9646, 33.2795



25.9324, 26.9646, 24.8043



24.5511, 26.9646, 25.7607

Sweetspot

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



25.3289, 26.9657, 34.4422



52.7065, 55.6643, 63.5026



26.2516, 30.1073, 30.7537



11.8105, 12.4814, 14.3570



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.



25.3289, 26.9657, 34.4422



44.2637, 47.2155, 62.3169



23.9490, 24.1238, 33.9664



6.1150, 6.4873, 7.8589



6.7473, 5.8913, 25.6892



0.1370, 0.1602, 0.3961

Inverse Universe

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



26.6725, 25.6289, 29.5290



47.1487, 44.4217, 51.7504



29.0496, 31.6408, 26.7671



6.3252, 6.2692, 7.0924



11.8645, 6.0000, 5.8115



0.1956, 0.0970, 0.1828

Previews

White Background



This preview shows how the XYZ color 25.3281, 26.9646, 34.4416 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 25.3281, 26.9646, 34.4416 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

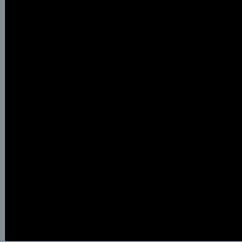
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

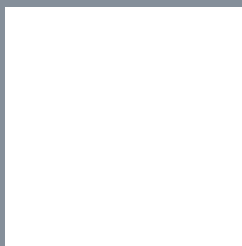
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.3281, 26.9646, 34.4416

Background



This preview shows how black text looks on a background with the XYZ color 25.3281, 26.9646, 34.4416.

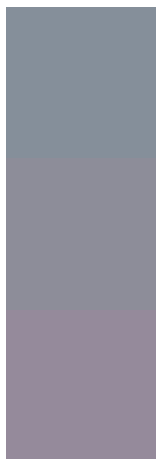


This preview shows how white text looks on a background with the XYZ color 25.3281, 26.9646,

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

25.3281, 26.9646, 34.4416

Protanopia

26.2592, 27.0124, 33.9669

Deuteranopia

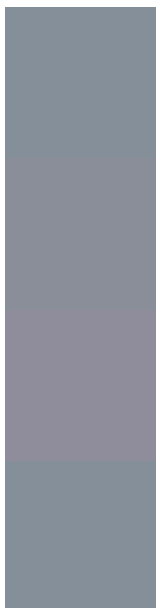
27.3993, 26.9331, 34.7649



Tritanopia

25.3281, 26.9646, 34.4416

Trichromacy



Original Color

25.3281, 26.9646, 34.4416

Protanomaly

25.9040, 27.0492, 33.9927

Deuteranomaly

26.6222, 26.9624, 34.8115

Tritanomaly

25.3281, 26.9646, 34.4416

Monochromacy



Original Color

25.3281, 26.9646, 34.4416

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

25.3425, 26.8246, 31.0361

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.3281, 26.9646, 34.4416 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(133, 143, 154)` looks like.

```
.text, #text, p{  
    color:rgb(133, 143, 154)  
}
```

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(133, 143, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 143, 154) }
```

Border

The CSS property to change the border of an element to XYZ 25.3281, 26.9646, 34.4416 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(133, 143, 154) }
```


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

```
.border{ border-color:rgb(133, 143, 154) }
```

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

Here you see how a box with a 4 pixel rgb(133, 143, 154) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 143, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 143, 154);  
box-shadow:4px 4px 4px 4px rgb(133, 143,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 25.3281, 26.9646, 34.4416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 143, 154) }
```

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

```
.background{ background-color: rgb(133,  
143, 154) }
```

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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