

Converting Colors

XYZ(24.4033, 25.8040, 32.0331)

Have a look what the booklet for
XYZ(24.4033, 25.8040, 32.0331)
contains.

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Color

**XYZ(24.4758, 25.9126,
32.1454)**

Conversions

Conversions Part 1

Format	Color
Hex	858C95
RGB	133, 140, 149
RGB Percent	52%, 55%, 58%
CMY	0.4784, 0.4510, 0.4157
CMYK	0.11, 0.06, 0.00, 0.42
HSL	214°, 7%, 55%
HSV	214°, 11%, 58%
XYZ	24.4758, 25.9126, 32.1454
YIQ	138.9330, -7.0610, 1.3150

Conversions

Conversions Part 2

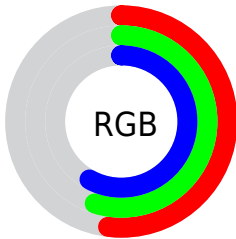
Format	Color
R_{YB}	133, 138, 149
Decimal	8752277
CIE Lab	57.95, -0.66, -5.67
CIE LCh	58, 5.705, 263.327
Yxy	25.9126, 0.2966, 0.3140
Android (android.graphics.Color)	4286942357 (0xFF858C95)
YUV	138.9330, 4.9630, -5.2032
Hunter-Lab	50.9044, -3.2566, -1.8077

Details

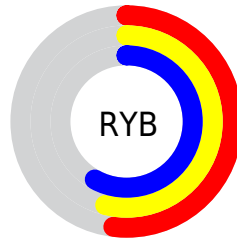
The XYZ color **24.4758, 25.9126, 32.1454** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **26.3013, 27.4291, 26.0991**, and the grayscale version is **24.4989, 25.7747, 28.0687**.

A 20% lighter version of the original color is **50.3210, 53.3345, 64.1423**, and **9.4280, 10.0332, 12.9950** is the 20% darker color. If you saturate the color by 10%, you get **21.1102, 22.4291, 31.6508**, and if you desaturate by 10%, it is **28.2699, 29.7568, 32.6878**.

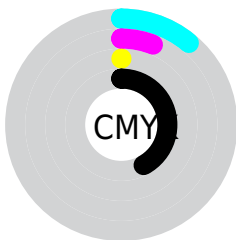
Distribution



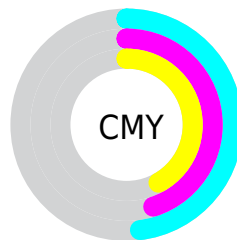
- Red (52%)
- Green (55%)
- Blue (58%)



- Red (52%)
- Yellow (54%)
- Blue (58%)



- Cyan (11%)
- Magenta (6%)
- Yellow (0%)
- Black (42%)



- Cyan (48%)
- Magenta (45%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.4758, 25.9126, 32.1454 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 24.4758, 25.9126, 32.1454 by changing the saturation by 10% instead.

■ 24.4758, 25.9126,
32.1454

■ 24.4758, 25.9126,
32.1454

267.6133,
282.3528, 326.2942

■ 15.8136, 16.7583,
21.2068

■ 50.2546, 53.1339,
64.1395

■ 9.4823, 10.0623,
13.0826

■ 68.1018, 71.9697,
86.0322

■ 5.1167, 5.4403,
7.3540

■ 89.7415, 94.8014,
112.4132

■ 2.3514, 2.5078,
3.6027

115.5389,
122.0134, 143.7013

■ 0.8208, 0.8806,
1.4100

145.8595,
153.9902, 180.3149

■ 0.0000, 0.0000,
0.1495

181.0685,

■ 0.0000, 0.0000,

191.1161, 222.6725

0.0000

221.5313,
233.7755, 271.1928

■ 24.4758, 25.9126,
32.1454

■ 24.4758, 25.9126,
32.1454

■ 21.1102, 22.4291,
31.6508

■ 28.2699, 29.7568,
32.6878

■ 18.1547, 19.2918,
31.2010

■ 32.5055, 33.9693,
33.2777

■ 15.5932, 16.4898,
30.7952

■ 37.1976, 38.5614,
33.9168

■ 13.4071, 14.0102,
30.4318

■ 42.3599, 43.5431,
34.6062

■ 11.5765, 11.8394,
30.1093

■ 48.0055, 48.9237,
35.3472

■ 10.0795, 9.9625,
29.8259

■ 54.1471, 54.7124,
36.1409

■ 8.8912, 8.3630,
29.5798

■ 60.7968, 60.9180,
36.9882

■ 7.9831, 7.0221,
29.3688

■ 67.9661, 67.5491,
37.8903

■ 7.3268, 5.9738,
29.2011

■ 71.0728, 72.2459,
38.6331

Harmonies

Analogous

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



23.8478, 25.9126, 31.3621



24.4758, 25.9126, 32.1454



25.1565, 25.9126, 31.8367

Triad

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



24.4758, 25.9126, 32.1454



25.8634, 25.9126, 26.7413



23.5837, 25.9126, 26.0125

Complementary

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



24.4758, 25.9126, 32.1454



26.3013, 27.4291, 26.0991

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.



24.1093, 25.9126, 24.8778



24.4758, 25.9126, 32.1454



25.4274, 25.9126, 25.2847

Square

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



24.4758, 25.9126, 32.1454



25.9660, 25.9126, 28.6568



24.7831, 25.9126, 24.6177



23.3390, 25.9126, 27.7766

Rectangle

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



24.4758, 25.9126, 32.1454



25.5477, 25.9126, 31.0599



24.7831, 25.9126, 24.6177



23.7329, 25.9126, 25.5482

Sweetspot

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



24.4766, 25.9137, 32.1460



48.9792, 51.6327, 58.3059



25.2883, 28.4289, 29.6675



10.7367, 11.3237, 12.9046



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



24.4766, 25.9137, 32.1460



42.2398, 44.7712, 57.3367



23.6126, 23.9976, 31.8217



5.6958, 6.0256, 7.3326



6.1951, 5.0850, 24.5860



0.1043, 0.1192, 0.3104

Inverse Universe

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



25.5162, 25.0587, 28.3041



44.5123, 42.9527, 48.9278



27.2305, 29.5034, 26.4505



5.8999, 5.8550, 6.5790



11.2541, 5.7067, 4.8190



0.1521, 0.0756, 0.1347

Previews

White Background



This preview shows how the XYZ color 24.4758, 25.9126, 32.1454 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 24.4758, 25.9126, 32.1454 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

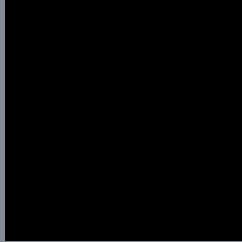
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

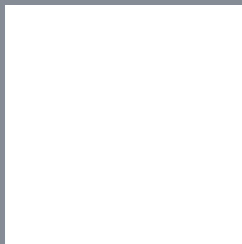
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.4758, 25.9126, 32.1454

Background



This preview shows how black text looks on a background with the XYZ color 24.4758, 25.9126, 32.1454.



This preview shows how white text looks on a background with the XYZ color 24.4758, 25.9126,

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

24.4758, 25.9126, 32.1454

Protanopia

25.0812, 25.8040, 31.6757

Deuteranopia

26.3817, 25.8259, 32.4486



Tritanopia

24.6369, 25.9771, 32.9937

Trichromacy



Original Color

24.4758, 25.9126, 32.1454

Protanomaly

24.8944, 25.9217, 31.7083

Deuteranomaly

25.7784, 25.9330, 32.5011

Tritanomaly

24.5560, 25.9447, 32.5678

Monochromacy



Original Color

24.4758, 25.9126, 32.1454

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

24.5071, 25.7668, 29.6684

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.4758, 25.9126, 32.1454 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, 140, 149)` looks like.

```
.text, #text, p{  
    color:rgb(133, 140, 149)  
}
```

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, 140, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 140, 149) }
```

Border

The CSS property to change the border of an element to XYZ 24.4758, 25.9126, 32.1454 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, 140, 149) }
```


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

```
.border{ border-color:rgb(133, 140, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 140, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 140, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 140, 149);  
box-shadow:4px 4px 4px 4px rgb(133, 140,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 24.4758, 25.9126, 32.1454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 140, 149) }
```

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

```
.background{ background-color: rgb(133,  
140, 149) }
```

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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