

Converting Colors

XYZ(24.0245, 25.4454, 32.9234)

Have a look what the booklet for
XYZ(24.0245, 25.4454, 32.9234)
contains.

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Color

**XYZ(24.0245, 25.4454,
32.9234)**

Conversions

Conversions Part 1

Format	Color
Hex	828B97
RGB	130, 139, 151
RGB Percent	51%, 55%, 59%
CMY	0.4902, 0.4549, 0.4078
CMYK	0.14, 0.08, 0.00, 0.41
HSL	214°, 9%, 55%
HSV	214°, 14%, 59%
XYZ	24.0245, 25.4454, 32.9234
YIQ	137.6770, -9.2160, 1.8240

Conversions

Conversions Part 2

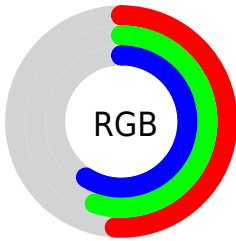
Format	Color
R_{YB}	130, 136, 151
Decimal	8555415
CIE _{Lab}	57.51, -0.70, -7.50
CIE _{LCh}	58, 7.536, 264.648
Yxy	25.4454, 0.2916, 0.3088
Android (android.graphics.Color)	4286745495 (0xFF828B97)
YUV	137.6770, 6.5682, -6.7327
Hunter-Lab	50.4434, -3.2625, -3.3870

Details

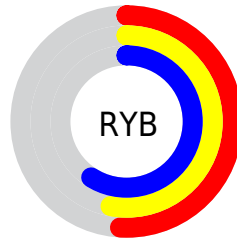
The XYZ color **24.0245, 25.4454, 32.9234** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **26.4651, 27.5372, 25.0401**, and the grayscale version is **24.0134, 25.2640, 27.5125**.

A 20% lighter version of the original color is **49.3975, 52.1743, 65.2247**, and **9.2660, 9.8142, 13.4625** is the 20% darker color. If you saturate the color by 10%, you get **20.6760, 21.9379, 32.4233**, and if you desaturate by 10%, it is **27.8131, 29.3275, 33.4734**.

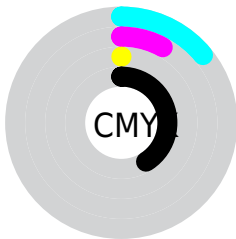
Distribution



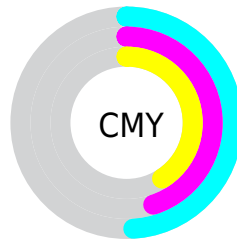
- Red (51%)
- Green (55%)
- Blue (59%)



- Red (51%)
- Yellow (53%)
- Blue (59%)



- Cyan (14%)
- Magenta (8%)
- Yellow (0%)
- Black (41%)



- Cyan (49%)
- Magenta (45%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.0245, 25.4454, 32.9234 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 24.0245, 25.4454, 32.9234 by changing the saturation by 10% instead.

■ 24.0245, 25.4454,
32.9234

■ 24.0245, 25.4454,
32.9234

265.3825,
280.0489, 329.9258

■ 15.4766, 16.4092,
21.7971

■ 49.5246, 52.3789,
65.3706

■ 9.2431, 9.8142,
13.5110

■ 67.2075, 71.0449,
87.5285

■ 4.9584, 5.2759,
7.6465

■ 88.6661, 93.6898,
114.2008

■ 2.2574, 2.4101,
3.7851

114.2658,
120.6977, 145.8059

■ 0.7727, 0.8311,
1.5082

144.3719,
152.4532, 182.7625

■ 0.0000, 0.0000,
0.2240

179.3499,

■ 0.0000, 0.0000,

189.3406, 225.4889

0.0000

219.5649,
231.7444, 274.4039

■ 24.0245, 25.4454,
32.9234

■ 24.0245, 25.4454,
32.9234

■ 20.6760, 21.9379,
32.4233

■ 27.8131, 29.3275,
33.4734

■ 17.7482, 18.7896,
31.9699

■ 32.0555, 33.5925,
34.0731

■ 15.2238, 15.9888,
31.5623

■ 36.7677, 38.2525,
34.7242

■ 13.0832, 13.5218,
31.1990

■ 41.9641, 43.3179,
35.4280

■ 11.3049, 11.3737,
30.8781

■ 47.6585, 48.7988,
36.1858

■ 9.8654, 9.5285,
30.5978

■ 53.8643, 54.7050,
36.9988

■ 8.7378, 7.9681,
30.3560

■ 60.5942, 61.0459,
37.8680

■ 7.8902, 6.6718,
30.1505

■ 67.8604, 67.8305,
38.7945

■ 7.4605, 5.9834,
30.0403

■ 71.5491, 72.9407,
39.5865

Harmonies

Analogous

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



23.2003, 25.4454, 31.9353



24.0245, 25.4454, 32.9234



24.9119, 25.4454, 32.4447

Triad

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



24.0245, 25.4454, 32.9234



25.7877, 25.4454, 25.6953



22.8047, 25.4454, 24.9435

Complementary

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



24.0245, 25.4454, 32.9234



26.4651, 27.5372, 25.0401

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.



23.4725, 25.4454, 23.4522



24.0245, 25.4454, 32.9234



25.1973, 25.4454, 23.8671

Square

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



24.0245, 25.4454, 32.9234



25.9442, 25.4454, 28.1692



24.3464, 25.4454, 23.0706



22.5073, 25.4454, 27.2473

Rectangle

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



24.0245, 25.4454, 32.9234



25.4182, 25.4454, 31.3726



24.3464, 25.4454, 23.0706



22.9925, 25.4454, 24.3363

Sweetspot

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



24.0253, 25.4465, 32.9240



49.6846, 52.3949, 59.9282



25.1481, 28.8295, 29.7916



11.1776, 11.7918, 13.6044



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



24.0253, 25.4465, 32.9240



40.8791, 43.3392, 58.6444



22.9913, 23.0576, 32.5174



6.0913, 6.4400, 7.8510



6.3740, 5.1448, 25.5648



0.1304, 0.1471, 0.3939

Inverse Universe

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



25.4060, 24.4093, 27.7996



43.9116, 41.1521, 47.3693



27.6005, 30.1915, 25.4926



6.3132, 6.2644, 7.0294



11.6761, 5.9247, 4.8193



0.1923, 0.0957, 0.1653

Previews

White Background



This preview shows how the XYZ color 24.0245, 25.4454, 32.9234 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 24.0245, 25.4454, 32.9234 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

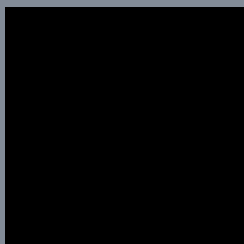
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

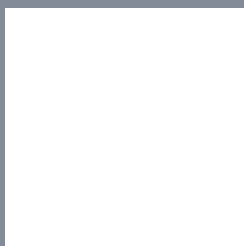
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.0245, 25.4454, 32.9234

Background



This preview shows how black text looks on a background with the XYZ color 24.0245, 25.4454, 32.9234.

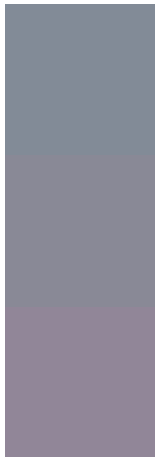


This preview shows how white text looks on a background with the XYZ color 24.0245, 25.4454,

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

24.0245, 25.4454, 32.9234

Protanopia

24.7672, 25.4117, 32.4537

Deuteranopia

25.8696, 25.3369, 33.2328



Tritanopia

23.9436, 25.4131, 32.4974

Trichromacy



Original Color

24.0245, 25.4454, 32.9234

Protanomaly

24.4250, 25.4473, 32.4786

Deuteranomaly

25.2869, 25.4508, 33.2855

Tritanomaly

23.9436, 25.4131, 32.4974

Monochromacy



Original Color

24.0245, 25.4454, 32.9234

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

24.0381, 25.3110, 29.6052

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.0245, 25.4454, 32.9234 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(130, 139, 151)` looks like.

```
.text, #text, p{  
    color:rgb(130, 139, 151)  
}
```

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(130, 139, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 139, 151) }
```

Border

The CSS property to change the border of an element to XYZ 24.0245, 25.4454, 32.9234 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(130, 139, 151) }
```


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

```
.border{ border-color:rgb(130, 139, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 139, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 139, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 139, 151);  
box-shadow:4px 4px 4px 4px rgb(130, 139,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 24.0245, 25.4454, 32.9234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 139, 151) }
```

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

```
.background{ background-color: rgb(130,  
139, 151) }
```

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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