

Converting Colors

XYZ(24.2353, 24.0752, 33.6809)

Have a look what the booklet for
XYZ(24.2353, 24.0752, 33.6809)
contains.

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Color

**XYZ(24.1544, 24.0367,
33.5035)**

Conversions

Conversions Part 1

Format	Color
Hex	888499
RGB	136, 132, 153
RGB Percent	53%, 52%, 60%
CMY	0.4667, 0.4823, 0.4000
CMYK	0.11, 0.14, 0.00, 0.40
HSL	251°, 9%, 56%
HSV	251°, 14%, 60%
XYZ	24.1544, 24.0367, 33.5035
YIQ	135.5900, -4.3570, 7.3790

Conversions

Conversions Part 2

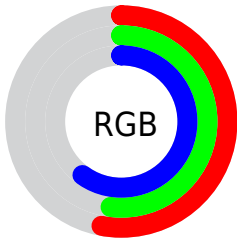
Format	Color
R_{YB}	136, 132, 153
Decimal	8946841
CIE Lab	56.12, 5.82, -10.67
CIE LCh	56, 12.156, 298.628
Yxy	24.0367, 0.2957, 0.2942
Android (android.graphics.Color)	4287136921 (0xFF888499)
YUV	135.5900, 8.5831, 0.3596
Hunter-Lab	49.0272, 2.1445, -6.1976

Details

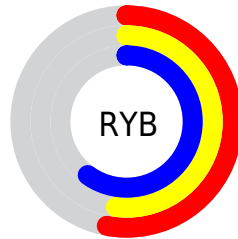
The XYZ color **24.1544, 24.0367, 33.5035** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.9514, 30.8386, 26.3102**, and the grayscale version is **23.2193, 24.4285, 26.6027**.

A 20% lighter version of the original color is **49.5977, 50.0217, 66.0726**, and **9.3293, 9.1243, 13.8398** is the 20% darker color. If you saturate the color by 10%, you get **20.3332, 19.2099, 32.7736**, and if you desaturate by 10%, it is **28.5139, 29.5940, 34.3468**.

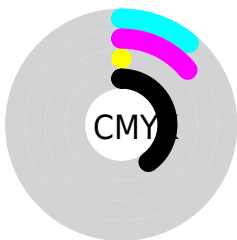
Distribution



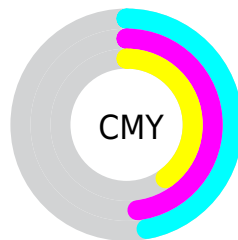
- Red (53%)
- Green (52%)
- Blue (60%)



- Red (53%)
- Yellow (52%)
- Blue (60%)



- Cyan (11%)
- Magenta (14%)
- Yellow (0%)
- Black (40%)



- Cyan (47%)
- Magenta (48%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.1544, 24.0367, 33.5035 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 24.1544, 24.0367, 33.5035 by changing the saturation by 10% instead.

■ 24.1544, 24.0367,
33.5035

■ 24.1544, 24.0367,
33.5035

266.0262,
273.0060, 332.6138

■ 15.5736, 15.3608,
22.2382

■ 49.7349, 50.0901,
66.2859

■ 9.3118, 9.0730,
13.8320

■ 67.4652, 68.2364,
88.6400

■ 5.0039, 4.7888,
7.8665

■ 88.9761, 90.3083,
115.5274

■ 2.2843, 2.1239,
3.9231

114.6329,
116.6903, 147.3668

■ 0.7866, 0.6780,
1.5833

144.8009,
147.7666, 184.5765

■ 0.0000, 0.0000,
0.2788

179.8456,

■ 0.0000, 0.0000,

183.9217, 227.5753

0.0000

220.1322,
225.5401, 276.7815

■ 24.1544, 24.0367,
33.5035

■ 24.1544, 24.0367,
33.5035

■ 20.3332, 19.2099,
32.7736

■ 28.5139, 29.5940,
34.3468

■ 17.0270, 15.0801,
32.1507

■ 33.4294, 35.9074,
35.3063

■ 14.2141, 11.6157,
31.6303

■ 38.9205, 43.0051,
36.3869

■ 11.8703, 8.7814,
31.2068

■ 45.0051, 50.9126,
37.5925

■ 9.9693, 6.5388,
30.8741

■ 51.7004, 59.6547,
38.9270

■ 8.4821, 4.8451,
30.6255

■ 59.0230, 69.2549,
40.3941

■ 7.3762, 3.6513,
30.4534

■ 66.9887, 79.7356,
41.9972

■ 6.6137, 2.9000,
30.3486

■ 75.6126, 91.1188,
43.7399

■ 6.2603, 2.5631,
30.3022

■ 80.0381, 93.6820,
44.0014

Harmonies

Analogous

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



22.7820, 24.0367, 34.6193



24.1544, 24.0367, 33.5035



25.2116, 24.0367, 30.3744

Triad

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



24.1544, 24.0367, 33.5035



24.2700, 24.0367, 20.1504



20.2703, 24.0367, 25.9885

Complementary

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



24.1544, 24.0367, 33.5035



27.9514, 30.8386, 26.3102

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.



20.6335, 24.0367, 22.3760



24.1544, 24.0367, 33.5035



22.9104, 24.0367, 19.2242

Square

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



24.1544, 24.0367, 33.5035



25.2802, 24.0367, 22.6641



21.5860, 24.0367, 19.9964



20.5736, 24.0367, 30.0242

Rectangle

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



24.1544, 24.0367, 33.5035



25.5755, 24.0367, 27.7147



21.5860, 24.0367, 19.9964



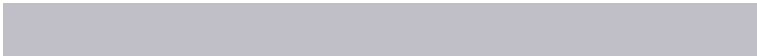
20.3182, 24.0367, 24.6874

Sweetspot

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



24.1551, 24.0377, 33.5040



50.7704, 52.6225, 61.4533



26.0375, 28.7486, 34.3141



11.0825, 11.4558, 13.5446



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.



24.1551, 24.0377, 33.5040



41.3934, 40.6839, 59.6431



25.9182, 24.9466, 33.5865



5.9888, 6.0801, 7.7869



5.1963, 2.1298, 25.0449



0.1014, 0.0441, 0.3755

Inverse Universe

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



26.8138, 25.4458, 31.9332



46.9671, 43.6369, 56.3061



26.1460, 29.9079, 26.2257



6.4108, 6.3035, 7.5432



13.8688, 6.8018, 16.3661



0.2189, 0.1063, 0.3054

Previews

White Background



This preview shows how the XYZ color 24.1544, 24.0367, 33.5035 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 24.1544, 24.0367, 33.5035 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

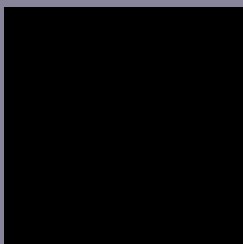
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

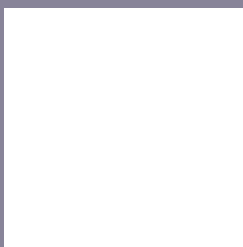
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.1544, 24.0367, 33.5035

Background



This preview shows how black text looks on a background with the XYZ color 24.1544, 24.0367, 33.5035.



This preview shows how white text looks on a background with the XYZ color 24.1544, 24.0367,

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

24.1544, 24.0367, 33.5035

Protanopia

23.5803, 23.9334, 33.9486

Deuteranopia

24.5135, 24.0215, 33.4816



Tritanopia

23.5508, 24.2147, 29.8182

Trichromacy



Original Color

24.1544, 24.0367, 33.5035

Protanomaly

23.8931, 24.0947, 33.9633

Deuteranomaly

24.3473, 23.9358, 33.4738

Tritanomaly

23.6457, 24.0325, 30.9962

Monochromacy



Original Color

24.1544, 24.0367, 33.5035

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

23.6998, 24.5152, 29.0740

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.1544, 24.0367, 33.5035 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(136, 132, 153)` looks like.

```
.text, #text, p{  
    color:rgb(136, 132, 153)  
}
```

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(136, 132, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 132, 153) }
```

Border

The CSS property to change the border of an element to XYZ 24.1544, 24.0367, 33.5035 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(136, 132, 153) }
```


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

```
.border{ border-color:rgb(136, 132, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 132, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 132, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 132, 153);  
box-shadow:4px 4px 4px 4px rgb(136, 132,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 24.1544, 24.0367, 33.5035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 132, 153) }
```

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

```
.background{ background-color: rgb(136,  
132, 153) }
```

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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