

Converting Colors

XYZ(24.4424, 24.5528, 35.3492)

Have a look what the booklet for
XYZ(24.4424, 24.5528, 35.3492)
contains.

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Color

**XYZ(24.4424, 24.5528,
35.3492)**

Conversions

Conversions Part 1

Format	Color
Hex	86869D
RGB	134, 134, 157
RGB Percent	53%, 53%, 62%
CMY	0.4745, 0.4745, 0.3843
CMYK	0.15, 0.15, 0.00, 0.38
HSL	240°, 11%, 57%
HSV	240°, 15%, 62%
XYZ	24.4424, 24.5528, 35.3492
YIQ	136.6220, -7.3830, 7.1530

Conversions

Conversions Part 2

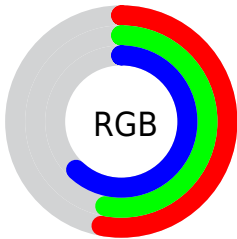
Format	Color
RYB	134, 134, 157
Decimal	8816285
CIELab	56.64, 4.87, -12.22
CIELCh	57, 13.156, 291.721
Yxy	24.5528, 0.2898, 0.2911
Android (android.graphics.Color)	4287006365 (0xFF86869D)
YUV	136.6220, 10.0464, -2.2995
Hunter-Lab	49.5508, 1.3366, -7.6115

Details

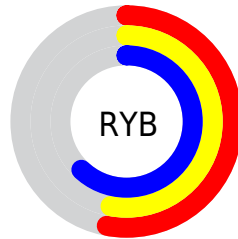
The XYZ color **24.4424, 24.5528, 35.3492** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **30.2649, 33.0032, 27.3300**, and the grayscale version is **23.6012, 24.8303, 27.0402**.

A 20% lighter version of the original color is **50.1475, 50.8589, 69.4610**, and **9.4280, 9.2661, 14.9273** is the 20% darker color. If you saturate the color by 10%, you get **20.1124, 19.3356, 34.5708**, and if you desaturate by 10%, it is **29.4676, 30.6078, 36.2535**.

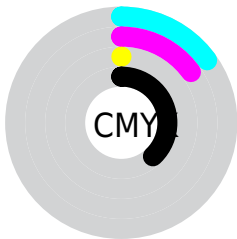
Distribution



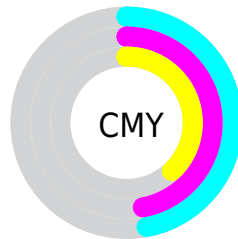
- Red (53%)
- Green (53%)
- Blue (62%)



- Red (53%)
- Yellow (53%)
- Blue (62%)



- Cyan (15%)
- Magenta (15%)
- Yellow (0%)
- Black (38%)



- Cyan (47%)
- Magenta (47%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.4424, 24.5528, 35.3492 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 24.4424, 24.5528, 35.3492 by changing the saturation by 10% instead.

■ 24.4424, 24.5528,
35.3492

■ 24.4424, 24.5528,
35.3492

267.4487,
275.6035, 341.0580

■ 15.7886, 15.7442,
23.6463

■ 50.2006, 50.9308,
69.1841

■ 9.4646, 9.3433,
14.8617

■ 68.0358, 69.2690,
92.1531

■ 5.1050, 4.9658,
8.5768

■ 89.6621, 91.5525,
119.7146

■ 2.3444, 2.2272,
4.3732

115.4449,
118.1657, 152.2871

■ 0.8172, 0.7348,
1.8322

145.7497,
149.4930, 190.2892

■ 0.0000, 0.0000,
0.4491

180.9416,

■ 0.0000, 0.0000,

185.9188, 234.1393

0.0000

221.3862,
227.8275, 284.2561

■ 24.4424, 24.5528,
35.3492

■ 24.4424, 24.5528,
35.3492

■ 20.1124, 19.3356,
34.5708

■ 29.4676, 30.6078,
36.2535

■ 16.4448, 14.9164,
33.9111

■ 35.2143, 37.5321,
37.2871

■ 13.4077, 11.2569,
33.3648

■ 41.7101, 45.3590,
38.4555

■ 10.9656, 8.3143,
32.9256

■ 48.9808, 54.1195,
39.7632

■ 9.0794, 6.0416,
32.5863

■ 57.0506, 63.8428,
41.2147

■ 7.7056, 4.3862,
32.3392

■ 65.9428, 74.5572,
42.8141

■ 6.7939, 3.2875,
32.1752

■ 75.6799, 86.2894,
44.5654

■ 6.2823, 2.6711,
32.0831

■ 83.0859, 95.2144,
45.8978

■ 6.0860, 2.4346,
32.0478

Harmonies

Analogous

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



22.9157, 24.5528, 35.9676



24.4424, 24.5528, 35.3492



25.7230, 24.5528, 32.3000

Triad

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



24.4424, 24.5528, 35.3492



25.2069, 24.5528, 20.6506



20.5450, 24.5528, 25.5389

Complementary

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



24.4424, 24.5528, 35.3492



30.2649, 33.0032, 27.3300

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.



21.1028, 24.5528, 21.8469



24.4424, 24.5528, 35.3492



23.7629, 24.5528, 19.2334

Square

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



24.4424, 24.5528, 35.3492



26.1776, 24.5528, 23.7356



22.2649, 24.5528, 19.6460



20.7091, 24.5528, 29.9745

Rectangle

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



24.4424, 24.5528, 35.3492



26.2429, 24.5528, 29.4643



22.2649, 24.5528, 19.6460



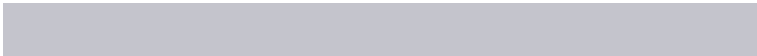
20.6534, 24.5528, 24.1775

Sweetspot

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



24.4431, 24.5538, 35.3497



53.3264, 55.4819, 65.0252



27.9421, 31.6040, 36.3548



11.5829, 12.0262, 14.2812



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.



24.4431, 24.5538, 35.3497



40.7651, 40.3466, 62.7659



26.3090, 25.5154, 35.4370



6.2848, 6.4353, 8.3176



4.9429, 1.9773, 26.0284



0.0884, 0.0354, 0.4654

Inverse Universe

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



26.7334, 25.9401, 26.1533



45.7731, 43.3780, 42.6564



28.1938, 31.9359, 27.2331



6.6331, 6.6462, 6.9190



11.2931, 5.8218, 0.5288



0.2019, 0.1041, 0.0095

Previews

White Background



This preview shows how the XYZ color 24.4424, 24.5528, 35.3492 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 24.4424, 24.5528, 35.3492 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

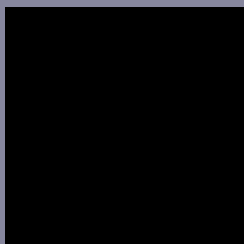
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

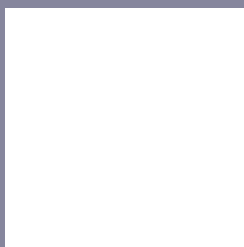
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.4424, 24.5528, 35.3492

Background



This preview shows how black text looks on a background with the XYZ color 24.4424, 24.5528, 35.3492.



This preview shows how white text looks on a background with the XYZ color 24.4424, 24.5528,

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

24.4424, 24.5528, 35.3492

Protanopia

24.2655, 24.6678, 35.3807

Deuteranopia

24.9845, 24.4258, 35.2961



Tritanopia

23.5863, 24.6204, 31.1128

Trichromacy



Original Color

24.4424, 24.5528, 35.3492

Protanomaly

24.4226, 24.7488, 35.3881

Deuteranomaly

24.7899, 24.5277, 35.3261

Tritanomaly

23.9228, 24.5489, 32.7557

Monochromacy



Original Color

24.4424, 24.5528, 35.3492

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

23.9915, 24.8562, 29.9188

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.4424, 24.5528, 35.3492 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(134, 134, 157)` looks like.

```
.text, #text, p{  
    color:rgb(134, 134, 157)  
}
```

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(134, 134, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 134, 157) }
```

Border

The CSS property to change the border of an element to XYZ 24.4424, 24.5528, 35.3492 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(134, 134, 157) }
```


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

```
.border{ border-color:rgb(134, 134, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 134, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 134, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 134, 157);  
box-shadow:4px 4px 4px 4px rgb(134, 134,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 24.4424, 24.5528, 35.3492 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 134, 157) }
```

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

```
.background{ background-color: rgb(134,  
134, 157) }
```

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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