

Converting Colors

XYZ(24.5206, 25.4490, 34.6301)

Have a look what the booklet for
XYZ(24.5206, 25.4490, 34.6301)
contains.

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Color

**XYZ(24.5206, 25.4490,
34.6301)**

Conversions

Conversions Part 1

Format	Color
Hex	848A9B
RGB	132, 138, 155
RGB Percent	52%, 54%, 61%
CMY	0.4823, 0.4588, 0.3922
CMYK	0.15, 0.11, 0.00, 0.39
HSL	224°, 10%, 56%
HSV	224°, 15%, 61%
XYZ	24.5206, 25.4490, 34.6301
YIQ	138.1440, -9.0330, 4.0150

Conversions

Conversions Part 2

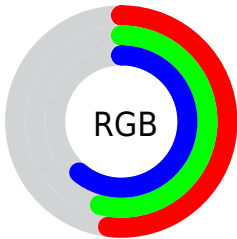
Format	Color
R_{YB}	132, 137, 155
Decimal	8686235
CIE _{Lab}	57.51, 1.44, -9.78
CIE _{LCh}	58, 9.884, 278.398
Yxy	25.4490, 0.2898, 0.3008
Android (android.graphics.Color)	4286876315 (0xFF848A9B)
YUV	138.1440, 8.3100, -5.3883
Hunter-Lab	50.4470, -1.5194, -5.3876

Details

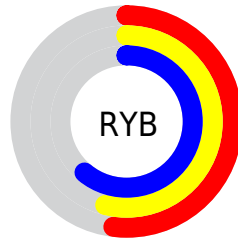
The XYZ color **24.5206, 25.4490, 34.6301** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **28.4301, 30.1295, 26.1476**, and the grayscale version is **24.1848, 25.4442, 27.7088**.

A 20% lighter version of the original color is **50.1470, 52.1793, 67.7502**, and **9.4681, 9.7728, 14.4840** is the 20% darker color. If you saturate the color by 10%, you get **20.7168, 21.1761, 34.0062**, and if you desaturate by 10%, it is **28.8594, 30.2564, 35.3297**.

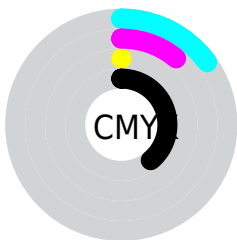
Distribution



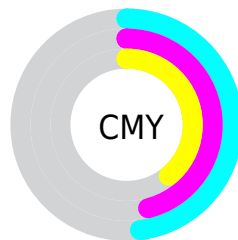
- Red (52%)
- Green (54%)
- Blue (61%)



- Red (52%)
- Yellow (54%)
- Blue (61%)



- Cyan (15%)
- Magenta (11%)
- Yellow (0%)
- Black (39%)



- Cyan (48%)
- Magenta (46%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.5206, 25.4490, 34.6301 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 24.5206, 25.4490, 34.6301 by changing the saturation by 10% instead.

■ 24.5206, 25.4490,
34.6301

■ 24.5206, 25.4490,
34.6301

267.8339,
280.0667, 337.7871

■ 15.8471, 16.4119,
23.0968

■ 50.3269, 52.3847,
68.0574

■ 9.5062, 9.8161,
14.4590

■ 68.1905, 71.0521,
90.7885

■ 5.1325, 5.2772,
8.2982

■ 89.8480, 93.6983,
118.0892

■ 2.3608, 2.4108,
4.1959

115.6650,
120.7079, 150.3782

■ 0.8255, 0.8314,
1.7334

146.0067,
152.4651, 188.0739

■ 0.0000, 0.0000,
0.3835

181.2385,

■ 0.0000, 0.0000,

189.3544, 231.5950

0.0000

221.7258,
231.7601, 281.3599

■ 24.5206, 25.4490,
34.6301

■ 24.5206, 25.4490,
34.6301

■ 20.7168, 21.1761,
34.0062

■ 28.8594, 30.2564,
35.3297

■ 17.4247, 17.4157,
33.4539

■ 33.7510, 35.6131,
36.1059

■ 14.6222, 14.1489,
32.9711

■ 39.2150, 41.5371,
36.9613

■ 12.2851, 11.3543,
32.5548

■ 45.2694, 48.0448,
37.8983

■ 10.3868, 9.0088,
32.2022

■ 51.9315, 55.1517,
38.9190

■ 8.8979, 7.0873,
31.9098

■ 59.2177, 62.8728,
40.0253

■ 7.7851, 5.5620,
31.6740

■ 67.1439, 71.2227,
41.2192

■ 7.0076, 4.4003,
31.4907

■ 75.3555, 80.0247,
42.4854

■ 6.6903, 3.9143,
31.4136

■ 78.6426, 86.5988,
43.5811

Harmonies

Analogous

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



23.3647, 25.4490, 34.1844



24.5206, 25.4490, 34.6301



25.6218, 25.4490, 33.1069

Triad

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



24.5206, 25.4490, 34.6301



26.0062, 25.4490, 23.8751



22.1444, 25.4490, 25.3909

Complementary

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



24.5206, 25.4490, 34.6301



28.4301, 30.1295, 26.1476

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.



22.8097, 25.4490, 22.9334



24.5206, 25.4490, 34.6301



25.0314, 25.4490, 22.1089

Square

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



24.5206, 25.4490, 34.6301



26.4976, 25.4490, 26.7736



23.8594, 25.4490, 21.7786



22.0177, 25.4490, 28.6672

Rectangle

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



24.5206, 25.4490, 34.6301



26.1680, 25.4490, 31.2473



23.8594, 25.4490, 21.7786



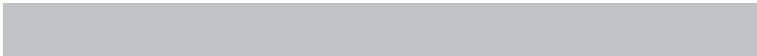
22.3114, 25.4490, 24.4496

Sweetspot

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



24.5214, 25.4501, 34.6307



52.3141, 54.8795, 63.3718



26.6518, 30.5144, 32.8636



11.7067, 12.2738, 14.3224



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.



24.5214, 25.4501, 34.6307



41.4141, 42.7819, 61.6113



24.5450, 24.2191, 34.3918



6.0090, 6.2754, 7.8235



5.4011, 3.1989, 25.2405



0.1072, 0.1006, 0.3861

Inverse Universe

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



26.3569, 25.3067, 27.5414



45.4014, 42.5399, 46.1958



28.3970, 31.5584, 26.4251



6.2717, 6.2478, 6.8108



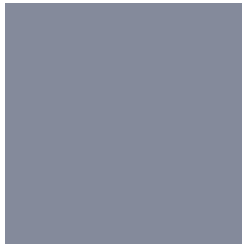
11.1850, 5.7282, 2.2333



0.1805, 0.0910, 0.1036

Previews

White Background



This preview shows how the XYZ color 24.5206, 25.4490, 34.6301 looks on a white background.

Color Contrast Check

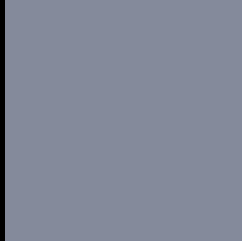
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.5206, 25.4490, 34.6301 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

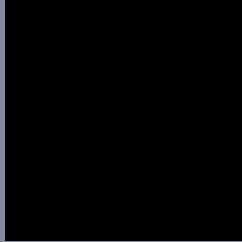
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.5206, 25.4490, 34.6301

Background



This preview shows how black text looks on a background with the XYZ color 24.5206, 25.4490, 34.6301.



This preview shows how white text looks on a background with the XYZ color 24.5206, 25.4490,

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

24.5206, 25.4490, 34.6301

Protanopia

24.9317, 25.4587, 34.1718

Deuteranopia

25.8535, 25.2901, 34.9713



Tritanopia

24.0977, 25.4925, 32.5046

Trichromacy



Original Color

24.5206, 25.4490, 34.6301

Protanomaly

24.7701, 25.3753, 34.1643

Deuteranomaly

25.3122, 25.2172, 34.9858

Tritanomaly

24.2602, 25.5575, 33.3602

Monochromacy



Original Color

24.5206, 25.4490, 34.6301

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

24.2759, 25.4248, 30.0136

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.5206, 25.4490, 34.6301 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(132, 138, 155)` looks like.

```
.text, #text, p{  
    color:rgb(132, 138, 155)  
}
```

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(132, 138, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 138, 155) }
```

Border

The CSS property to change the border of an element to XYZ 24.5206, 25.4490, 34.6301 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(132, 138, 155) }
```


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

```
.border{ border-color:rgb(132, 138, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 138, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 138, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 138, 155);  
box-shadow:4px 4px 4px 4px rgb(132, 138,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 24.5206, 25.4490, 34.6301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 138, 155) }
```

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

```
.background{ background-color: rgb(132,  
138, 155) }
```

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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