

Converting Colors

XYZ(23.4595, 25.2059, 36.2988)

Have a look what the booklet for
XYZ(23.4595, 25.2059, 36.2988)
contains.

XYZ(23.5212, 25.3243, 36.4493)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(23.5212, 25.3243,
36.4493)**

Conversions

Conversions Part 1

Format	Color
Hex	798C9F
RGB	121, 140, 159
RGB Percent	47%, 55%, 62%
CMY	0.5255, 0.4510, 0.3765
CMYK	0.24, 0.12, 0.00, 0.38
HSL	210°, 17%, 55%
HSV	210°, 24%, 62%
XYZ	23.5212, 25.3243, 36.4493
YIQ	136.4850, -17.4230, 1.8810

Conversions

Conversions Part 2

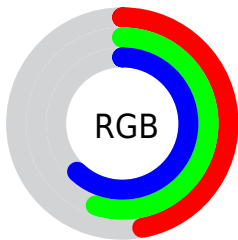
Format	Color
R_{YB}	121, 134, 159
Decimal	7965855
CIE _{Lab}	57.39, -2.42, -12.33
CIE _{LCh}	57, 12.570, 258.888
Yxy	25.3243, 0.2758, 0.2969
Android (android.graphics.Color)	4286155935 (0xFF798C9F)
YUV	136.4850, 11.0999, -13.5803
Hunter-Lab	50.3233, -4.6344, -7.7177

Details

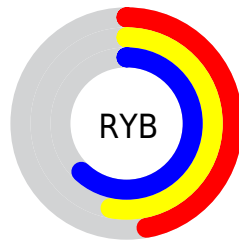
The XYZ color **23.5212, 25.3243, 36.4493** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.1276, 27.5076, 21.9693**, and the grayscale version is **23.5486, 24.7749, 26.9799**.

A 20% lighter version of the original color is **48.6631, 51.9936, 71.0893**, and **8.9615, 9.7346, 15.5940** is the 20% darker color. If you saturate the color by 10%, you get **20.3542, 22.0297, 35.9807**, and if you desaturate by 10%, it is **27.1409, 28.9781, 36.9642**.

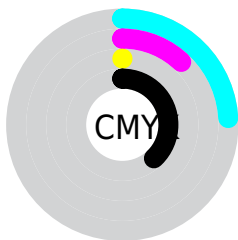
Distribution



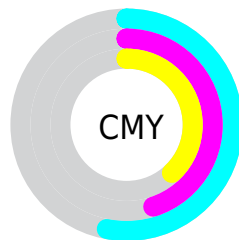
- Red (47%)
- Green (55%)
- Blue (62%)



- Red (47%)
- Yellow (53%)
- Blue (62%)



- Cyan (24%)
- Magenta (12%)
- Yellow (0%)
- Black (38%)



- Cyan (53%)
- Magenta (45%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.5212, 25.3243, 36.4493 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 23.5212, 25.3243, 36.4493 by changing the saturation by 10% instead.

■ 23.5212, 25.3243,
36.4493

■ 23.5212, 25.3243,
36.4493

262.8764,
279.4491, 346.0167

■ 15.1016, 16.3188,
24.4890

■ 48.7081, 52.1828,
70.9018

■ 8.9775, 9.7500,
15.4812

■ 66.2062, 70.8047,
94.2311

■ 4.7835, 5.2335,
9.0074

■ 87.4611, 93.4008,
122.1871

■ 2.1543, 2.3849,
4.6491

112.8383,
120.3556, 155.1883

■ 0.7185, 0.8181,
1.9878

142.7031,
152.0534, 193.6534

■ 0.0000, 0.0000,
0.5478

177.4208,

■ 0.0000, 0.0000,

188.8787, 238.0008

0.0000

217.3568,
231.2158, 288.6490

■ 23.5212, 25.3243,
36.4493

■ 23.5212, 25.3243,
36.4493

■ 20.3542, 22.0297,
35.9807

■ 27.1409, 28.9781,
36.9642

■ 17.6180, 19.0785,
35.5553

■ 31.2295, 33.0002,
37.5250

■ 15.2919, 16.4580,
35.1721

■ 35.8052, 37.4029,
38.1337

■ 13.3527, 14.1535,
34.8295

■ 40.8843, 42.1971,
38.7914

■ 11.7745, 12.1486,
34.5257

■ 46.4826, 47.3933,
39.4993

■ 10.5278, 10.4252,
34.2587

■ 52.6149, 53.0014,
40.2585

■ 9.5777, 8.9622,
34.0264

■ 59.2957, 59.0310,
41.0702

■ 9.0908, 8.1687,
33.8989

■ 66.5386, 65.4913,
41.9355

■ 70.9285, 70.6240,
42.6948

Harmonies

Analogous

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



22.2321, 25.3243, 34.2404



23.5212, 25.3243, 36.4493



25.0109, 25.3243, 36.1030

Triad

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



23.5212, 25.3243, 36.4493



26.8883, 25.3243, 24.9982



21.9721, 25.3243, 22.5156

Complementary

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



23.5212, 25.3243, 36.4493



27.1276, 27.5076, 21.9693

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.



23.1530, 25.3243, 20.5064



23.5212, 25.3243, 36.4493



26.0065, 25.3243, 21.8341

Square

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



23.5212, 25.3243, 36.4493



26.9969, 25.3243, 29.1882



24.6272, 25.3243, 20.2706



21.3627, 25.3243, 26.0202

Rectangle

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



23.5212, 25.3243, 36.4493



25.9168, 25.3243, 34.4778



24.6272, 25.3243, 20.2706



22.3131, 25.3243, 21.6592

Sweetspot

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



23.5220, 25.3253, 36.4499



53.4664, 56.6963, 66.8690



24.9708, 30.7365, 29.1839



11.9628, 12.6928, 15.0631



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



23.5220, 25.3253, 36.4499



38.8214, 41.9415, 64.7929



21.0582, 20.3978, 35.6286



6.5450, 6.9558, 8.4043



7.2220, 6.5355, 26.7881



0.1714, 0.2014, 0.4931

Inverse Universe

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



25.8697, 22.9397, 27.8764



43.8823, 37.1181, 46.2395



30.0392, 33.3309, 22.9399



6.7644, 6.6987, 7.6106



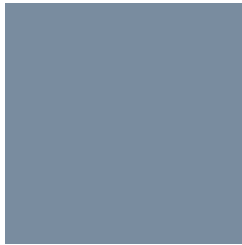
12.4435, 6.2820, 6.5866



0.2438, 0.1209, 0.2302

Previews

White Background



This preview shows how the XYZ color 23.5212, 25.3243, 36.4493 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 23.5212, 25.3243, 36.4493 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

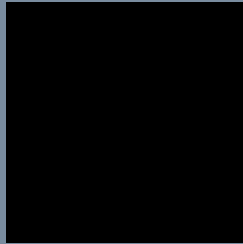
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

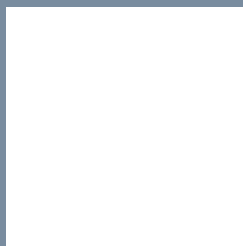
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.5212, 25.3243, 36.4493

Background



This preview shows how black text looks on a background with the XYZ color 23.5212, 25.3243, 36.4493.



This preview shows how white text looks on a background with the XYZ color 23.5212, 25.3243,

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

23.5212, 25.3243, 36.4493

Protanopia

24.7215, 25.1110, 35.4422

Deuteranopia

25.6855, 25.1637, 36.7610



Tritanopia

22.9381, 25.3098, 33.3821

Trichromacy



Original Color

23.5212, 25.3243, 36.4493

Protanomaly

24.1705, 25.0271, 35.9045

Deuteranomaly

24.8222, 25.1329, 36.8006

Tritanomaly

23.1870, 25.4094, 34.6928

Monochromacy



Original Color

23.5212, 25.3243, 36.4493

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

23.3398, 24.7302, 29.9288

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.5212, 25.3243, 36.4493 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(121, 140, 159)` looks like.

```
.text, #text, p{  
    color:rgb(121, 140, 159)  
}
```

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(121, 140, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 140, 159) }
```

Border

The CSS property to change the border of an element to XYZ 23.5212, 25.3243, 36.4493 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(121, 140, 159) }
```


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

```
.border{ border-color:rgb(121, 140, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 140, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 140, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 140, 159);  
box-shadow:4px 4px 4px 4px rgb(121, 140,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 23.5212, 25.3243, 36.4493 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 140, 159) }
```

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

```
.background{ background-color: rgb(121,  
140, 159) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor