

Converting Colors

XYZ(23.5318, 25.8167, 34.3147)

Have a look what the booklet for
XYZ(23.5318, 25.8167, 34.3147)
contains.

XYZ(23.5318, 25.8167, 34.3147)	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(23.5318, 25.8167,
34.3147)**

Conversions

Conversions Part 1

Format	Color
Hex	7A8E9A
RGB	122, 142, 154
RGB Percent	48%, 56%, 60%
CMY	0.5216, 0.4431, 0.3961
CMYK	0.21, 0.08, 0.00, 0.40
HSL	202°, 14%, 54%
HSV	202°, 21%, 60%
XYZ	23.5318, 25.8167, 34.3147
YIQ	137.3880, -15.7720, -0.5080

Conversions

Conversions Part 2

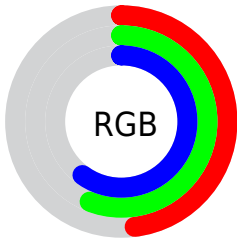
Format	Color
RYB	122, 134, 154
Decimal	8031898
CIELab	57.86, -4.41, -8.75
CIELCh	58, 9.804, 243.250
Yxy	25.8167, 0.2813, 0.3086
Android (android.graphics.Color)	4286221978 (0xFF7A8E9A)
YUV	137.3880, 8.1897, -13.4953
Hunter-Lab	50.8101, -6.2487, -4.4745

Details

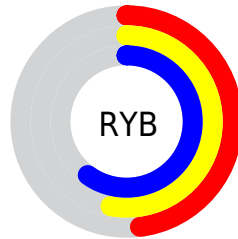
The XYZ color **23.5318, 25.8167, 34.3147** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.3646, 25.3254, 21.9644**, and the grayscale version is **23.8996, 25.1442, 27.3821**.

A 20% lighter version of the original color is **48.8043, 53.1479, 67.3608**, and **9.0230, 10.0500, 14.2963** is the 20% darker color. If you saturate the color by 10%, you get **20.6849, 23.1072, 33.9422**, and if you desaturate by 10%, it is **26.7704, 28.7955, 34.7194**.

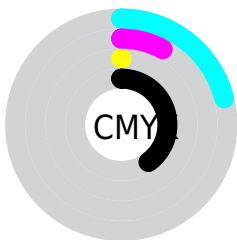
Distribution



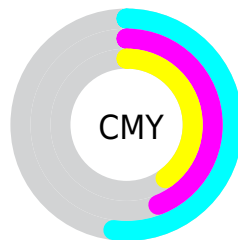
- Red (48%)
- Green (56%)
- Blue (60%)



- Red (48%)
- Yellow (53%)
- Blue (60%)



- Cyan (21%)
- Magenta (8%)
- Yellow (0%)
- Black (40%)



- Cyan (52%)
- Magenta (44%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.5318, 25.8167, 34.3147 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 23.5318, 25.8167, 34.3147 by changing the saturation by 10% instead.

■ 23.5318, 25.8167,
34.3147

■ 23.5318, 25.8167,
34.3147

262.9294,
281.8811, 336.3449

■ 15.1095, 16.6866,
22.8561

■ 48.7253, 52.9791,
67.5622

■ 8.9831, 10.0113,
14.2830

■ 66.2273, 71.7801,
90.1883

■ 4.7872, 5.4064,
8.1768

■ 87.4866, 94.5736,
117.3740

■ 2.1564, 2.4876,
4.1189

112.8684,
121.7439, 149.5377

■ 0.7196, 0.8704,
1.6908

142.7383,
153.6754, 187.0982

■ 0.0000, 0.0000,
0.3544

177.4615,

■ 0.0000, 0.0000,

190.7525, 230.4738

0.0000

217.4034,
233.3596, 280.0832

■ 23.5318, 25.8167,
34.3147

■ 23.5318, 25.8167,
34.3147

■ 20.6849, 23.1072,
33.9422

■ 26.7704, 28.7955,
34.7194

■ 18.2104, 20.6541,
33.5991

■ 30.4140, 32.0496,
35.1555

■ 16.0908, 18.4480,
33.2850

■ 34.4785, 35.5886,
35.6243

■ 14.3063, 16.4777,
32.9988

■ 38.9779, 39.4207,
36.1268

■ 12.8350, 14.7308,
32.7391

■ 43.9257, 43.5537,
36.6638

■ 11.6518, 13.1934,
32.5047

■ 49.3347, 47.9953,
37.2361

■ 10.7276, 11.8493,
32.2940

■ 55.2171, 52.7526,
37.8443

■ 10.0394, 10.7463,
32.1174

■ 61.5849, 57.8325,
38.4892

■ 66.3580, 62.1636,
39.0736

Harmonies

Analogous

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



22.6907, 25.8167, 31.8218



23.5318, 25.8167, 34.3147



24.6667, 25.8167, 35.1023

Triad

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



23.5318, 25.8167, 34.3147



26.8714, 25.8167, 27.7436



23.3160, 25.8167, 23.0230

Complementary

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



23.5318, 25.8167, 34.3147



25.3646, 25.3254, 21.9644

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.



24.4097, 25.8167, 22.1140



23.5318, 25.8167, 34.3147



26.4829, 25.8167, 24.6987

Square

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



23.5318, 25.8167, 34.3147



26.6183, 25.8167, 31.1344



25.5725, 25.8167, 22.7023



22.5690, 25.8167, 25.2881

Rectangle

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



23.5318, 25.8167, 34.3147



25.4437, 25.8167, 34.5065



25.5725, 25.8167, 22.7023



23.6540, 25.8167, 22.5573

Sweetspot

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



23.5326, 25.8178, 34.3153



51.6197, 54.9989, 63.4315



23.8667, 28.9631, 26.7899



11.5956, 12.3697, 14.3468



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.



23.5326, 25.8178, 34.3153



40.2187, 44.5145, 62.0087



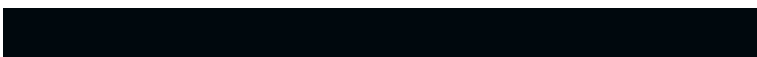
21.3543, 21.4613, 33.5892



6.1898, 6.6370, 7.8838



8.2143, 8.8253, 26.1782



0.1575, 0.2014, 0.4029

Inverse Universe

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



25.1691, 22.7427, 28.6556



43.7915, 38.0423, 49.5986



27.7036, 30.0033, 22.7440



6.3629, 6.2843, 7.2913



12.6050, 6.2962, 9.7107



0.2060, 0.1011, 0.2375

Previews

White Background



This preview shows how the XYZ color 23.5318, 25.8167, 34.3147 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 23.5318, 25.8167, 34.3147 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

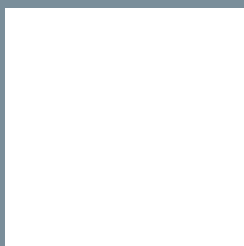
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.5318, 25.8167, 34.3147

Background



This preview shows how black text looks on a background with the XYZ color 23.5318, 25.8167, 34.3147.



This preview shows how white text looks on a background with the XYZ color 23.5318, 25.8167,

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

23.5318, 25.8167, 34.3147

Protanopia

25.1556, 25.8146, 32.9350

Deuteranopia

26.0820, 25.6238, 34.5816



Tritanopia

23.4488, 25.7835, 33.8778

Trichromacy



Original Color

23.5318, 25.8167, 34.3147

Protanomaly

24.4158, 25.6378, 33.3675

Deuteranomaly

25.1582, 25.7778, 34.6600

Tritanomaly

23.4488, 25.7835, 33.8778

Monochromacy



Original Color

23.5318, 25.8167, 34.3147

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

23.7063, 25.3539, 29.6309

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.5318, 25.8167, 34.3147 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(122, 142, 154)` looks like.

```
.text, #text, p{  
    color:rgb(122, 142, 154)  
}
```

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(122, 142, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 142, 154) }
```

Border

The CSS property to change the border of an element to XYZ 23.5318, 25.8167, 34.3147 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(122, 142, 154) }
```


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

```
.border{ border-color:rgb(122, 142, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 142, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 142, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 142, 154);  
box-shadow:4px 4px 4px 4px rgb(122, 142,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 23.5318, 25.8167, 34.3147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 142, 154) }
```

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

```
.background{ background-color: rgb(122,  
142, 154) }
```

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