

Converting Colors

XYZ(25.4933, 19.2888, 36.2939)

Have a look what the booklet for
XYZ(25.4933, 19.2888, 36.2939)
contains.

XYZ(25.3848, 19.2515, 36.0962)	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(25.3848, 19.2515,
36.0962)**

Conversions

Conversions Part 1

Format	Color
Hex	9F65A1
RGB	159, 101, 161
RGB Percent	62%, 40%, 63%
CMY	0.3765, 0.6039, 0.3686
CMYK	0.01, 0.37, 0.00, 0.37
HSL	298°, 24%, 51%
HSV	298°, 37%, 63%
XYZ	25.3848, 19.2515, 36.0962
YIQ	125.1820, 15.3080, 30.9560

Conversions

Conversions Part 2

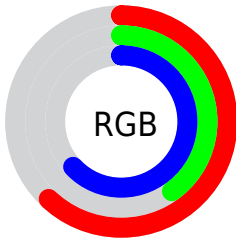
Format	Color
R_{YB}	159, 101, 161
Decimal	10446241
CIE _{Lab}	50.98, 33.29, -22.94
CIE _{LCh}	51, 40.424, 325.431
Yxy	19.2515, 0.3144, 0.2385
Android (android.graphics.Color)	4288636321 (0xFF9F65A1)
YUV	125.1820, 17.6583, 29.6584
Hunter-Lab	43.8765, 26.4874, -18.0629

Details

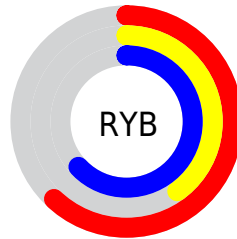
The XYZ color **25.3848, 19.2515, 36.0962** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **20.6880, 29.3133, 16.8805**, and the grayscale version is **19.4936, 20.5088, 22.3341**.

A 20% lighter version of the original color is **51.8102, 42.1874, 70.3780**, and **9.9322, 6.6243, 15.2231** is the 20% darker color. If you saturate the color by 10%, you get **23.8661, 16.3714, 35.6206**, and if you desaturate by 10%, it is **27.2114, 22.7460, 36.6747**.

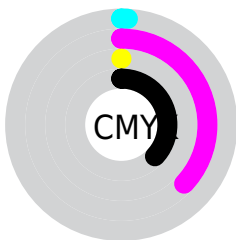
Distribution



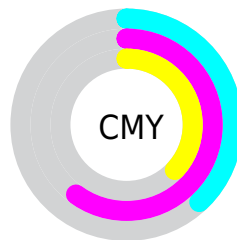
- Red (62%)
- Green (40%)
- Blue (63%)



- Red (62%)
- Yellow (40%)
- Blue (63%)



- Cyan (1%)
- Magenta (37%)
- Yellow (0%)
- Black (37%)





- Cyan (38%)
- Magenta (60%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.3848, 19.2515, 36.0962 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 25.3848, 19.2515, 36.0962 by changing the saturation by 10% instead.


 25.3848, 19.2515,
36.0962


 25.3848, 19.2515,
36.0962


272.0613,
247.8337, 344.4309


 16.4942, 11.8521,
24.2182


 51.7192, 42.1586,
70.3512


 9.9676, 6.6431,
15.2819


 69.8938, 58.4352,
93.5654

 5.4396, 3.2399,
8.8686


 91.8937, 78.4397,
121.3953

 2.5448, 1.2582,
4.5600

 118.0843,
102.5564, 154.2596

 0.9179, 0.1085,
1.9373

148.8311,
131.1697, 192.5768

 0.0000, 0.0000,
0.5163

184.4992,

 0.0000, 0.0000,

164.6641, 236.7653

0.0000

225.4542,
203.4240, 287.2439

■ 25.3848, 19.2515,
36.0962

■ 25.3848, 19.2515,
36.0962

■ 23.8661, 16.3714,
35.6206

■ 27.2114, 22.7460,
36.6747

■ 22.6356, 14.0672,
35.2407

■ 29.3606, 26.8854,
37.3604

■ 21.6739, 12.3000,
34.9503

■ 31.8483, 31.7011,
38.1588

■ 20.9588, 11.0254,
34.7420

■ 34.6888, 37.2218,
39.0747

■ 20.4643, 10.1912,
34.6070

■ 37.8957, 43.4746,
40.1126

■ 20.1490, 9.7150,
34.5317

■ 41.4819, 50.4851,
41.2768

■ 20.0729, 9.6048,
34.5144

■ 45.4593, 58.2776,
42.5712

■ 49.8398, 66.8754,
43.9999

■ 54.6345, 76.3009,
45.5665

Harmonies

Analogous

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



21.8010, 19.2515, 47.7876



25.3848, 19.2515, 36.0962



27.0787, 19.2515, 22.7644

Triad

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



25.3848, 19.2515, 36.0962



18.9171, 19.2515, 5.7851



12.1974, 19.2515, 31.9064

Complementary

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



25.3848, 19.2515, 36.0962



20.6880, 29.3133, 16.8805

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.



11.6559, 19.2515, 19.2566



25.3848, 19.2515, 36.0962



15.1918, 19.2515, 6.7043

Square

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



25.3848, 19.2515, 36.0962



23.0147, 19.2515, 7.5583



12.6706, 19.2515, 10.7883



14.2742, 19.2515, 44.8142

Rectangle

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



25.3848, 19.2515, 36.0962



26.7520, 19.2515, 15.6331



12.6706, 19.2515, 10.7883



11.8440, 19.2515, 27.3811

Sweetspot

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



25.3854, 19.2523, 36.0966



55.2071, 53.2262, 67.7505



16.6509, 15.0413, 35.7442



11.9845, 11.4346, 14.8191



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.



25.3854, 19.2523, 36.0966



43.0960, 29.9877, 63.9033



23.5859, 18.5787, 24.5340



7.3409, 7.1901, 8.9040



16.0386, 7.6747, 27.5658



0.3437, 0.1647, 0.5795

Inverse Universe

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



21.8004, 17.8645, 15.1319



35.7325, 27.1439, 20.5394



22.0748, 29.8419, 25.3662



7.0829, 7.0896, 7.4229



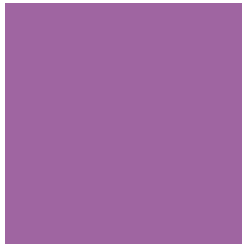
11.7654, 6.0622, 0.6891



0.2499, 0.1285, 0.0287

Previews

White Background



This preview shows how the XYZ color 25.3848, 19.2515, 36.0962 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 25.3848, 19.2515, 36.0962 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

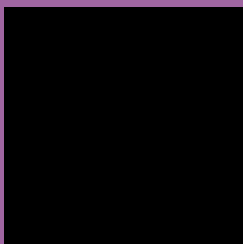
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.3848, 19.2515, 36.0962

Background



This preview shows how black text looks on a background with the XYZ color 25.3848, 19.2515, 36.0962.



This preview shows how white text looks on a background with the XYZ color 25.3848, 19.2515,

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

25.3848, 19.2515, 36.0962

Protanopia

20.2619, 19.5106, 43.7723

Deuteranopia

19.9583, 19.5464, 35.0687



Tritanopia

21.9828, 19.2322, 19.6931

Trichromacy



Original Color

25.3848, 19.2515, 36.0962

Protanomaly

21.5680, 19.0356, 41.0656

Deuteranomaly

21.5232, 19.1388, 35.3606

Tritanomaly

23.0783, 19.2052, 25.0449

Monochromacy



Original Color

25.3848, 19.2515, 36.0962

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

21.1494, 19.6441, 26.7218

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.3848, 19.2515, 36.0962 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(159, 101, 161)` looks like.

```
.text, #text, p{  
    color:rgb(159, 101, 161)  
}
```

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(159, 101, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 101, 161) }
```

Border

The CSS property to change the border of an element to XYZ 25.3848, 19.2515, 36.0962 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(159, 101, 161) }
```


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

```
.border{ border-color:rgb(159, 101, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 101, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 101, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 101, 161);  
box-shadow:4px 4px 4px 4px rgb(159, 101,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 25.3848, 19.2515, 36.0962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 101, 161) }
```

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

```
.background{ background-color: rgb(159,  
101, 161) }
```

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