

Converting Colors

XYZ(25.4822, 18.8877, 36.8331)

Have a look what the booklet for
XYZ(25.4822, 18.8877, 36.8331)
contains.

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Color

**XYZ(25.4757, 18.8533,
36.9467)**

Conversions

Conversions Part 1

Format	Color
Hex	A062A3
RGB	160, 98, 163
RGB Percent	63%, 38%, 64%
CMY	0.3725, 0.6157, 0.3608
CMYK	0.02, 0.40, 0.00, 0.36
HSL	297°, 26%, 51%
HSV	297°, 40%, 64%
XYZ	25.4757, 18.8533, 36.9467
YIQ	123.9480, 16.0870, 33.3590

Conversions

Conversions Part 2

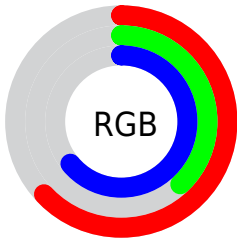
Format	Color
R _Y B	160, 98, 163
Decimal	10511011
CIE _{Lab}	50.52, 35.68, -24.82
CIE _{LCh}	51, 43.458, 325.176
Y _{xy}	18.8533, 0.3134, 0.2320
Android (android.graphics.Color)	4288701091 (0xFFA062A3)
Y _{UV}	123.9480, 19.2526, 31.6176
Hunter-Lab	43.4204, 28.7442, -20.0560

Details

The XYZ color **25.4757, 18.8533, 36.9467** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **20.6694, 29.8435, 16.2272**, and the grayscale version is **19.0756, 20.0690, 21.8552**.

A 20% lighter version of the original color is **51.8801, 41.4736, 71.6005**, and **10.0310, 6.4701, 15.7591** is the 20% darker color. If you saturate the color by 10%, you get **23.9533, 16.0307, 36.4824**, and if you desaturate by 10%, it is **27.3108, 22.2991, 37.5154**.

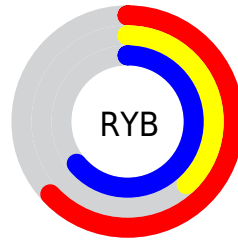
Distribution



Red (63%)

Green (38%)

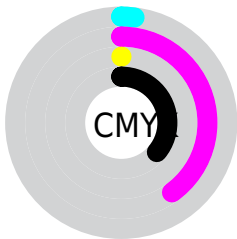
Blue (64%)



Red (63%)

Yellow (38%)

Blue (64%)

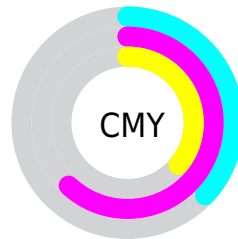


Cyan (2%)

Magenta (40%)

Yellow (0%)

Black (36%)



Cyan (37%)

Magenta (62%)

Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.4757, 18.8533, 36.9467 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 25.4757, 18.8533, 36.9467 by changing the saturation by 10% instead.


 25.4757, 18.8533,
36.9467


 25.4757, 18.8533,
36.9467


272.5029,
245.6377, 348.2414


 16.5624, 11.5643,
24.8708


 51.8653, 41.4861,
71.6762


 10.0164, 6.4478,
15.7627


 70.0723, 57.5986,
95.1669

 5.4722, 3.1192,
9.2038


 92.1079, 77.4212,
123.2995

 2.5645, 1.1943,
4.7757

 118.3375,
101.3382, 156.4927

 0.9279, 0.0570,
2.0599

149.1265,
129.7339, 195.1649

 0.0000, 0.0000,
0.5917

184.8401,

 0.0000, 0.0000,

162.9928, 239.7348

0.0000

225.8438,
201.4993, 290.6208

■ 25.4757, 18.8533,
36.9467

■ 25.4757, 18.8533,
36.9467

■ 23.9533, 16.0307,
36.4824

■ 27.3108, 22.2991,
37.5154

■ 22.7228, 13.7910,
36.1149

■ 29.4741, 26.4005,
38.1930

■ 21.7638, 12.0928,
35.8377

■ 31.9824, 31.1904,
38.9853

■ 21.0523, 10.8885,
35.6427

■ 34.8507, 36.6989,
39.8974

■ 20.5604, 10.1218,
35.5207

■ 38.0931, 42.9543,
40.9339

■ 20.2243, 9.6656,
35.4503

■ 41.7230, 49.9834,
42.0994

■ 20.2203, 9.6603,
35.4495

■ 45.7532, 57.8115,
43.3979

■ 50.1957, 66.4630,
44.8337

■ 55.0621, 75.9612,
46.4105

Harmonies

Analogous

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



21.6143, 18.8533, 49.7193



25.4757, 18.8533, 36.9467



27.3274, 18.8533, 22.5537

Triad

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



25.4757, 18.8533, 36.9467



18.6135, 18.8533, 4.9493



11.5103, 18.8533, 32.1421

Complementary

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



25.4757, 18.8533, 36.9467



20.6694, 29.8435, 16.2272

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.



10.9644, 18.8533, 18.6275



25.4757, 18.8533, 36.9467



14.6718, 18.8533, 5.8230

Square

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



25.4757, 18.8533, 36.9467



22.9872, 18.8533, 6.7120



12.0280, 18.8533, 9.8772



13.6573, 18.8533, 46.2633

Rectangle

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



25.4757, 18.8533, 36.9467



26.9906, 18.8533, 15.0047



12.0280, 18.8533, 9.8772



11.1494, 18.8533, 27.2635

Sweetspot

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



25.4763, 18.8541, 36.9471



56.1662, 53.7318, 69.4671



16.3267, 14.5980, 36.6078



12.4879, 11.8255, 15.5619



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



25.4763, 18.8541, 36.9471



43.1430, 29.1600, 65.4107



23.7582, 18.2370, 24.7316



7.3319, 7.1855, 8.9036



15.7256, 7.5133, 27.5512



0.3396, 0.1626, 0.5793

Inverse Universe

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



21.8216, 17.4624, 14.5333



35.7127, 26.3415, 19.3455



21.9820, 30.3304, 24.8608



7.0864, 7.0910, 7.4414



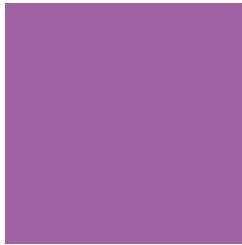
11.7756, 6.0663, 0.7429



0.2512, 0.1290, 0.0353

Previews

White Background



This preview shows how the XYZ color 25.4757, 18.8533, 36.9467 looks on a white background.

Color Contrast Check

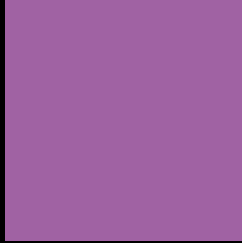
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.4757, 18.8533, 36.9467 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

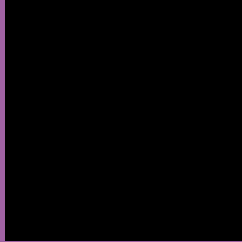
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.4757, 18.8533, 36.9467

Background



This preview shows how black text looks on a background with the XYZ color 25.4757, 18.8533, 36.9467.

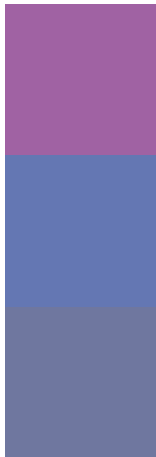


This preview shows how white text looks on a background with the XYZ color 25.4757, 18.8533,

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

25.4757, 18.8533, 36.9467

Protanopia

19.9890, 19.1577, 45.2921

Deuteranopia

19.4104, 19.0764, 35.4600



Tritanopia

21.8414, 18.8561, 19.0114

Trichromacy



Original Color

25.4757, 18.8533, 36.9467

Protanomaly

21.2533, 18.5236, 41.9904

Deuteranomaly

21.0829, 18.5741, 35.7317

Tritanomaly

22.8943, 18.6620, 24.5858

Monochromacy



Original Color

25.4757, 18.8533, 36.9467

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

21.0347, 19.4148, 26.6835

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.4757, 18.8533, 36.9467 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(160, 98, 163)` looks like.

```
.text, #text, p{  
    color:rgb(160, 98, 163)  
}
```

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(160, 98, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 98, 163) }
```

Border

The CSS property to change the border of an element to XYZ 25.4757, 18.8533, 36.9467 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(160, 98, 163) }
```


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

```
.border{ border-color:rgb(160, 98, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 98, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 98, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 98, 163);  
box-shadow:4px 4px 4px 4px rgb(160, 98,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 25.4757, 18.8533, 36.9467 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 98, 163) }
```

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

```
.background{ background-color: rgb(160, 98,  
163) }
```

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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