

Converting Colors

XYZ(25.1605, 18.6385, 32.4085)

Have a look what the booklet for
XYZ(25.1605, 18.6385, 32.4085)
contains.

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Color

**XYZ(25.1287, 18.6358,
32.4096)**

Conversions

Conversions Part 1

Format	Color
Hex	A36199
RGB	163, 97, 153
RGB Percent	64%, 38%, 60%
CMY	0.3608, 0.6196, 0.4000
CMYK	0.00, 0.40, 0.06, 0.36
HSL	309°, 26%, 51%
HSV	309°, 40%, 64%
XYZ	25.1287, 18.6358, 32.4096
YIQ	123.1180, 21.3600, 31.4080

Conversions

Conversions Part 2

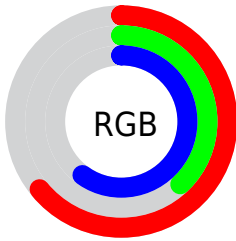
Format	Color
R_{YB}	163, 97, 153
Decimal	10707353
CIE _{Lab}	50.26, 35.31, -19.30
CIE _{LCh}	50, 40.241, 331.343
Yxy	18.6358, 0.3299, 0.2446
Android (android.graphics.Color)	4288897433 (0xFFA36199)
YUV	123.1180, 14.7318, 34.9765
Hunter-Lab	43.1692, 28.3584, -14.2940

Details

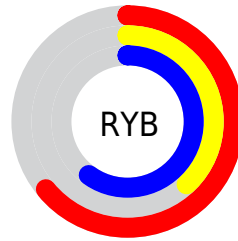
The XYZ color **25.1287, 18.6358, 32.4096** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **20.6816, 29.7979, 18.5726**, and the grayscale version is **18.8142, 19.7940, 21.5556**.

A 20% lighter version of the original color is **51.2233, 41.0600, 64.2571**, and **9.8856, 6.3882, 13.2824** is the 20% darker color. If you saturate the color by 10%, you get **23.5728, 15.8467, 30.8950**, and if you desaturate by 10%, it is **26.9995, 22.0472, 34.0504**.

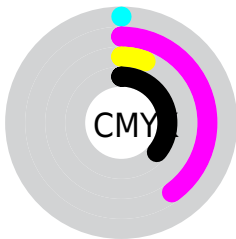
Distribution



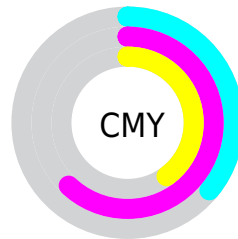
- Red (64%)
- Green (38%)
- Blue (60%)



- Red (64%)
- Yellow (38%)
- Blue (60%)



- Cyan (0%)
- Magenta (40%)
- Yellow (6%)
- Black (36%)





- Cyan (36%)
- Magenta (62%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.1287, 18.6358, 32.4096 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 25.1287, 18.6358, 32.4096 by changing the saturation by 10% instead.


 25.1287, 18.6358,
32.4096


 25.1287, 18.6358,
32.4096


270.8141,
244.4307, 327.5309


 16.3022, 11.4074,
21.4071


 51.3073, 41.1178,
64.5580


 9.8305, 6.3416,
13.2278


 69.3902, 57.1402,
86.5411

 5.3481, 3.0539,
7.4530


 91.2892, 76.8626,
113.0214

 2.4898, 1.1599,
3.6643

 117.3697,
100.6697, 144.4175

 0.8901, 0.0286,
1.4430

147.9971,
128.9456, 181.1480

 0.0000, 0.0000,
0.1750

183.5367,

 0.0000, 0.0000,

162.0748, 223.6313

0.0000

224.3539,
200.4417, 272.2862

■ 25.1287, 18.6358,
32.4096

■ 25.1287, 18.6358,
32.4096

■ 23.5728, 15.8467,
30.8950

■ 26.9995, 22.0472,
34.0504

■ 22.3108, 13.6391,
29.4989

■ 29.2009, 26.1133,
35.8221

■ 21.3221, 11.9716,
28.2145

■ 31.7497, 30.8673,
37.7308

■ 20.5828, 10.7959,
27.0336

■ 34.6609, 36.3393,
39.7814

■ 20.0642, 10.0554,
25.9467

■ 37.9488, 42.5578,
41.9790

■ 19.7138, 9.6304,
24.9793

■ 41.6268, 49.5497,
44.3280

■ 45.7078, 57.3403,
46.8329

■ 50.2039, 65.9542,
49.4978

■ 55.1268, 75.4145,
52.3268

Harmonies

Analogous

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



21.8997, 18.6358, 44.6673



25.1287, 18.6358, 32.4096



26.3019, 18.6358, 19.7929

Triad

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



25.1287, 18.6358, 32.4096



17.5379, 18.6358, 5.5172



12.0568, 18.6358, 33.6134

Complementary

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



25.1287, 18.6358, 32.4096



20.6816, 29.7979, 18.5726

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.



11.2324, 18.6358, 20.7979



25.1287, 18.6358, 32.4096



14.0967, 18.6358, 6.9346

Square

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



25.1287, 18.6358, 32.4096



21.5515, 18.6358, 6.6918



11.9215, 18.6358, 11.6472



14.3593, 18.6358, 45.5230

Rectangle

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



25.1287, 18.6358, 32.4096



25.6418, 18.6358, 13.4449



11.9215, 18.6358, 11.6472



11.6142, 18.6358, 29.1386

Sweetspot

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



25.1293, 18.6366, 32.4100



56.0234, 53.7135, 66.9615



16.9378, 14.3143, 36.5210



12.4527, 11.8211, 14.9437



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.



25.1293, 18.6366, 32.4100



42.3634, 28.6405, 55.4813



22.7759, 17.6953, 20.0171



7.3180, 7.1836, 8.6609



15.3344, 7.4898, 19.4834



0.3339, 0.1621, 0.4711

Inverse Universe

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



25.1293, 18.6366, 32.4100



42.3634, 28.6405, 55.4813



22.7539, 30.6268, 29.4854



7.3180, 7.1836, 8.6609



15.3344, 7.4898, 19.4834



0.3339, 0.1621, 0.4711

Previews

White Background



This preview shows how the XYZ color 25.1287, 18.6358, 32.4096 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 25.1287, 18.6358, 32.4096 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

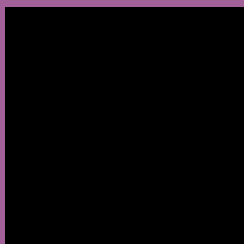
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.1287, 18.6358, 32.4096

Background



This preview shows how black text looks on a background with the XYZ color 25.1287, 18.6358, 32.4096.



This preview shows how white text looks on a background with the XYZ color 25.1287, 18.6358,

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

25.1287, 18.6358, 32.4096

Protanopia

19.3488, 18.7645, 40.1382

Deuteranopia

19.2394, 18.9087, 31.0695



Tritanopia

22.1328, 18.5645, 18.0396

Trichromacy



Original Color

25.1287, 18.6358, 32.4096

Protanomaly

20.6442, 18.1562, 37.0668

Deuteranomaly

20.9125, 18.4222, 31.3078

Tritanomaly

23.1449, 18.5348, 22.7798

Monochromacy



Original Color

25.1287, 18.6358, 32.4096

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

20.8016, 19.1591, 25.1560

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.1287, 18.6358, 32.4096 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(163, 97, 153)` looks like.

```
.text, #text, p{  
    color:rgb(163, 97, 153)  
}
```

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(163, 97, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 97, 153) }
```

Border

The CSS property to change the border of an element to XYZ 25.1287, 18.6358, 32.4096 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(163, 97, 153) }
```


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

```
.border{ border-color:rgb(163, 97, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 97, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 97, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 97, 153);  
box-shadow:4px 4px 4px 4px rgb(163, 97,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 25.1287, 18.6358, 32.4096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 97, 153) }
```

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

```
.background{ background-color: rgb(163, 97,  
153) }
```

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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