

Converting Colors

XYZ(25.2151, 18.0448, 35.8723)

Have a look what the booklet for
XYZ(25.2151, 18.0448, 35.8723)
contains.

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Color

**XYZ(25.2477, 18.0833,
35.8779)**

Conversions

Conversions Part 1

Format	Color
Hex	A25DA1
RGB	162, 93, 161
RGB Percent	64%, 36%, 63%
CMY	0.3647, 0.6353, 0.3686
CMYK	0.00, 0.43, 0.01, 0.36
HSL	301°, 27%, 50%
HSV	301°, 43%, 64%
XYZ	25.2477, 18.0833, 35.8779
YIQ	121.3830, 19.2960, 35.7760

Conversions

Conversions Part 2

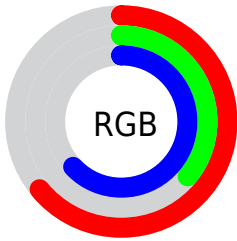
Format	Color
R_{YB}	162, 93, 161
Decimal	10640801
CIE _{Lab}	49.60, 38.67, -25.04
CIE _{LCh}	50, 46.068, 327.073
Yxy	18.0833, 0.3187, 0.2283
Android (android.graphics.Color)	4288830881 (0xFFA25DA1)
YUV	121.3830, 19.5312, 35.6211
Hunter-Lab	42.5245, 31.5615, -20.2559

Details

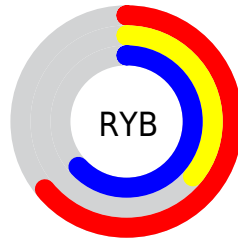
The XYZ color **25.2477, 18.0833, 35.8779** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **19.4557, 28.9767, 15.1584**, and the grayscale version is **18.2328, 19.1823, 20.8895**.

A 20% lighter version of the original color is **51.4335, 40.1141, 69.9977**, and **9.9309, 6.0831, 15.1187** is the 20% darker color. If you saturate the color by 10%, you get **23.9531, 15.5268, 35.3444**, and if you desaturate by 10%, it is **26.8448, 21.2439, 36.5128**.

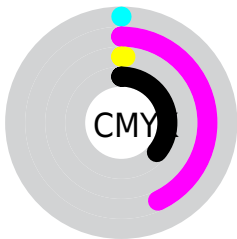
Distribution



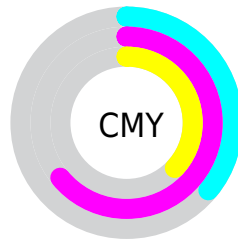
- Red (64%)
- Green (36%)
- Blue (63%)



- Red (64%)
- Yellow (36%)
- Blue (63%)



- Cyan (0%)
- Magenta (43%)
- Yellow (1%)
- Black (36%)





- Cyan (36%)
- Magenta (64%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.2477, 18.0833, 35.8779 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 25.2477, 18.0833, 35.8779 by changing the saturation by 10% instead.


 25.2477, 18.0833,
35.8779


 25.2477, 18.0833,
35.8779


271.3942,
241.3401, 343.4478


 16.3914, 11.0098,
24.0510


 51.4988, 40.1792,
70.0105


 9.8941, 6.0734,
15.1589


 69.6243, 55.9704,
93.1532

 5.3906, 2.8898,
8.7831


 91.5702, 75.4363,
120.9050

 2.5153, 1.0745,
4.5051

 117.7020, 98.9613,
153.6843

 0.9030, 0.0000,
1.9063

148.3849,
126.9298, 191.9097

 0.0000, 0.0000,
0.4968

183.9844,

 0.0000, 0.0000,

159.7262, 235.9997

0.0000

224.8657,
197.7348, 286.3729

■ 25.2477, 18.0833,
35.8779

■ 25.2477, 18.0833,
35.8779

■ 23.9531, 15.5268,
35.3444

■ 26.8448, 21.2439,
36.5128

■ 22.9399, 13.5335,
34.9047

■ 28.7600, 25.0411,
37.2537

■ 22.1874, 12.0615,
34.5521

■ 31.0102, 29.5081,
38.1065

■ 21.6711, 11.0619,
34.2784

■ 33.6104, 34.6750,
39.0762

■ 21.3620, 10.4765,
34.0740

■ 36.5747, 40.5702,
40.1674

■ 21.2153, 10.2074,
33.9501

■ 39.9165, 47.2204,
41.3846

■ 43.6485, 54.6509,
42.7321

■ 47.7829, 62.8860,
44.2140

■ 52.3312, 71.9488,
45.8339

Harmonies

Analogous

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



21.3018, 18.0833, 49.8240



25.2477, 18.0833, 35.8779



27.0173, 18.0833, 20.9441

Triad

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



25.2477, 18.0833, 35.8779



17.6202, 18.0833, 4.1100



10.7397, 18.0833, 32.7957

Complementary

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



25.2477, 18.0833, 35.8779



19.4557, 28.9767, 15.1584

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.



10.0885, 18.0833, 18.4863



25.2477, 18.0833, 35.8779



13.6406, 18.0833, 5.0965

Square

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



25.2477, 18.0833, 35.8779



22.1707, 18.0833, 5.6120



11.0563, 18.0833, 9.2930



13.0134, 18.0833, 47.5770

Rectangle

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



25.2477, 18.0833, 35.8779



26.5345, 18.0833, 13.4368



11.0563, 18.0833, 9.2930



10.3425, 18.0833, 27.6319

Sweetspot

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



25.2483, 18.0841, 35.8783



56.0086, 52.9981, 69.0707



14.9510, 12.7654, 35.8590



12.3746, 11.4967, 15.4358



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.



25.2483, 18.0841, 35.8783



43.6150, 28.4445, 64.2194



22.6788, 17.0563, 22.3477



7.3599, 7.2004, 8.8815



16.7151, 8.0421, 26.7540



0.3525, 0.1695, 0.5690

Inverse Universe

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



25.2483, 18.0841, 35.8783



43.6150, 28.4445, 64.2194



21.2988, 29.7139, 24.8636



7.3599, 7.2004, 8.8815



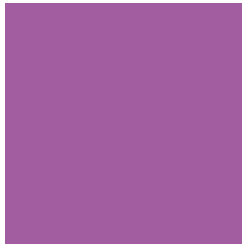
16.7151, 8.0421, 26.7540



0.3525, 0.1695, 0.5690

Previews

White Background



This preview shows how the XYZ color 25.2477, 18.0833, 35.8779 looks on a white background.

Color Contrast Check

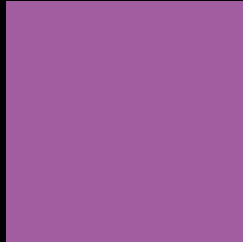
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 25.2477, 18.0833, 35.8779 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

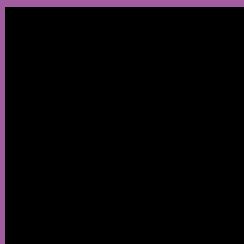
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.2477, 18.0833, 35.8779

Background



This preview shows how black text looks on a background with the XYZ color 25.2477, 18.0833, 35.8779.



This preview shows how white text looks on a background with the XYZ color 25.2477, 18.0833,

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

25.2477, 18.0833, 35.8779

Protanopia

19.3075, 18.2729, 45.6894

Deuteranopia

18.6379, 18.1763, 34.4243



Tritanopia

21.5852, 18.1384, 17.6926

Trichromacy



Original Color

25.2477, 18.0833, 35.8779

Protanomaly

20.6511, 17.7353, 41.8700

Deuteranomaly

20.4362, 17.7829, 34.7031

Tritanomaly

22.6870, 17.9951, 23.3968

Monochromacy



Original Color

25.2477, 18.0833, 35.8779

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

20.2817, 18.3807, 25.7714

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.2477, 18.0833, 35.8779 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(162, 93, 161)` looks like.

```
.text, #text, p{  
    color:rgb(162, 93, 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(162, 93, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 93, 161) }
```

Border

The CSS property to change the border of an element to XYZ 25.2477, 18.0833, 35.8779 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(162, 93, 161) }
```


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

```
.border{ border-color:rgb(162, 93, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 93, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 93, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 93, 161);  
box-shadow:4px 4px 4px 4px rgb(162, 93,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 25.2477, 18.0833, 35.8779 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 93, 161) }
```

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

```
.background{ background-color: rgb(162, 93,  
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](#).

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