

Converting Colors

XYZ(25.9746, 18.0294, 37.7112)

Have a look what the booklet for
XYZ(25.9746, 18.0294, 37.7112)
contains.

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Color

**XYZ(25.9647, 18.0283,
37.7086)**

Conversions

Conversions Part 1

Format	Color
Hex	A55AA5
RGB	165, 90, 165
RGB Percent	65%, 35%, 65%
CMY	0.3529, 0.6470, 0.3529
CMYK	0.00, 0.45, 0.00, 0.35
HSL	300°, 29%, 50%
HSV	300°, 45%, 65%
XYZ	25.9647, 18.0283, 37.7086
YIQ	120.9750, 20.6250, 39.2250

Conversions

Conversions Part 2

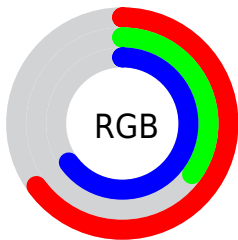
Format	Color
R _{YB}	165, 90, 165
Decimal	10836645
CIE _{Lab}	49.53, 41.97, -27.47
CIE _{LCh}	50, 50.158, 326.797
Y _{xy}	18.0283, 0.3178, 0.2207
Android (android.graphics.Color)	4289026725 (0xFFA55AA5)
YUV	120.9750, 21.7043, 38.6099
Hunter-Lab	42.4597, 34.8506, -22.9338

Details

The XYZ color **25.9647, 18.0283, 37.7086** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **19.5178, 29.8227, 14.4015**, and the grayscale version is **18.0940, 19.0363, 20.7305**.

A 20% lighter version of the original color is **52.4101, 39.8855, 72.6465**, and **10.2617, 6.0228, 16.2444** is the 20% darker color. If you saturate the color by 10%, you get **24.7246, 15.5477, 37.2954**, and if you desaturate by 10%, it is **27.5150, 21.1284, 38.2256**.

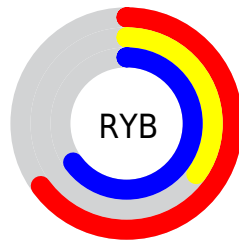
Distribution



Red (65%)

Green (35%)

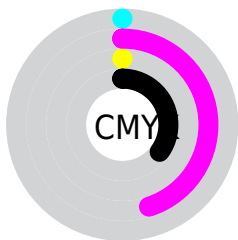
Blue (65%)



Red (65%)

Yellow (35%)

Blue (65%)

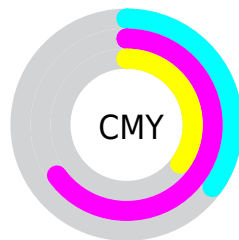


Cyan (0%)

Magenta (45%)

Yellow (0%)

Black (35%)



Cyan (35%)

Magenta (65%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.9647, 18.0283, 37.7086 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 25.9647, 18.0283, 37.7086 by changing the saturation by 10% instead.

■ 25.9647, 18.0283,
37.7086

■ 25.9647, 18.0283,
37.7086

274.8686,
241.0305, 351.6289

■ 16.9298, 10.9703,
25.4565

■ 52.6497, 40.0855,
72.8597

■ 10.2794, 6.0469,
16.1954

■ 71.0305, 55.8536,
96.5959

■ 5.6483, 2.8736,
9.5067

■ 93.2573, 75.2938,
124.9971

■ 2.6710, 1.0661,
4.9718

■ 119.6954, 98.7905,
158.4820

■ 0.9823, 0.0000,
2.1723

150.7103,
126.7281, 197.4691

■ 0.0000, 0.0000,
0.6583

186.6672,

■ 0.0000, 0.0000,

159.4911, 242.3769

0.0000

227.9315,
197.4637, 293.6240

■ 25.9647, 18.0283,
37.7086

■ 25.9647, 18.0283,
37.7086

■ 24.7246, 15.5477,
37.2954

■ 27.5150, 21.1284,
38.2256

■ 23.7721, 13.6427,
36.9779

■ 29.3923, 24.8831,
38.8514

■ 23.0847, 12.2678,
36.7487

■ 31.6146, 29.3277,
39.5922

■ 22.6355, 11.3695,
36.5989

■ 34.1980, 34.4945,
40.4533

■ 22.3902, 10.8789,
36.5171

■ 37.1576, 40.4136,
41.4399

■ 22.3088, 10.7160,
36.4900

■ 40.5074, 47.1133,
42.5565

■ 44.2611, 54.6206,
43.8078

■ 48.4314, 62.9612,
45.1979

■ 53.0306, 72.1596,
46.7310

Harmonies

Analogous

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



21.5891, 18.0283, 53.4345



25.9647, 18.0283, 37.7086



27.9611, 18.0283, 21.1270

Triad

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



25.9647, 18.0283, 37.7086



17.6505, 18.0283, 3.3876



10.2104, 18.0283, 33.9324

Complementary

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



25.9647, 18.0283, 37.7086



19.5178, 29.8227, 14.4015

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.



9.5415, 18.0283, 18.2049



25.9647, 18.0283, 37.7086



13.3406, 18.0283, 4.3196

Square

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



25.9647, 18.0283, 37.7086



22.6361, 18.0283, 4.8742



10.5759, 18.0283, 8.5117



12.6068, 18.0283, 50.6370

Rectangle

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



25.9647, 18.0283, 37.7086



27.4443, 18.0283, 13.0025



10.5759, 18.0283, 8.5117



9.7977, 18.0283, 28.1955

Sweetspot

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



25.9653, 18.0291, 37.7090



57.1377, 53.5606, 71.0790



14.6650, 12.2036, 37.1803



12.2980, 11.3226, 15.4748



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.



25.9653, 18.0291, 37.7090



44.1716, 27.6286, 66.7568



23.0373, 16.8579, 22.2905



7.3644, 7.2022, 8.9051



16.8767, 8.1067, 27.6048



0.3546, 0.1703, 0.5800

Inverse Universe

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



25.9653, 18.0291, 37.7090



44.1716, 27.6286, 66.7568



21.5358, 30.6299, 25.0279



7.3644, 7.2022, 8.9051



16.8767, 8.1067, 27.6048



0.3546, 0.1703, 0.5800

Previews

White Background



This preview shows how the XYZ color 25.9647, 18.0283, 37.7086 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 25.9647, 18.0283, 37.7086 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

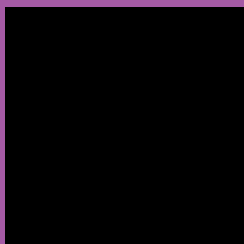
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.9647, 18.0283, 37.7086

Background



This preview shows how black text looks on a background with the XYZ color 25.9647, 18.0283, 37.7086.



This preview shows how white text looks on a background with the XYZ color 25.9647, 18.0283,

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

25.9647, 18.0283, 37.7086

Protanopia

19.5220, 18.3113, 48.9599

Deuteranopia

18.6503, 18.3248, 35.8118



Tritanopia

21.7653, 18.0954, 17.0975

Trichromacy



Original Color

25.9647, 18.0283, 37.7086

Protanomaly

20.9013, 17.6517, 44.4250

Deuteranomaly

20.5317, 17.6361, 36.5044

Tritanomaly

23.0949, 17.9241, 23.3616

Monochromacy



Original Color

25.9647, 18.0283, 37.7086

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

20.4078, 18.2764, 26.1190

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.9647, 18.0283, 37.7086 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(165, 90, 165)` looks like.

```
.text, #text, p{  
    color:rgb(165, 90, 165)  
}
```

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(165, 90, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 90, 165) }
```

Border

The CSS property to change the border of an element to XYZ 25.9647, 18.0283, 37.7086 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(165, 90, 165) }
```


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

```
.border{ border-color:rgb(165, 90, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 90, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 90, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 90, 165);  
box-shadow:4px 4px 4px 4px rgb(165, 90,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 25.9647, 18.0283, 37.7086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 90, 165) }
```

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

```
.background{ background-color: rgb(165, 90,  
165) }
```

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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