

Converting Colors

XYZ(25.5495, 17.7631, 44.2316)

Have a look what the booklet for
XYZ(25.5495, 17.7631, 44.2316)
contains.

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Color

**XYZ(25.4873, 17.7644,
44.2050)**

Conversions

Conversions Part 1

Format	Color
Hex	9C5BB2
RGB	156, 91, 178
RGB Percent	61%, 36%, 70%
CMY	0.3882, 0.6431, 0.3020
CMYK	0.12, 0.49, 0.00, 0.30
HSL	285°, 36%, 53%
HSV	285°, 49%, 70%
XYZ	25.4873, 17.7644, 44.2050
YIQ	120.3530, 10.8130, 40.8370

Conversions

Conversions Part 2

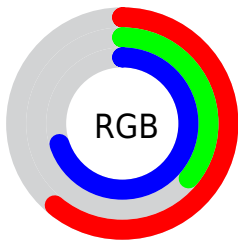
Format	Color
R_{YB}	156, 91, 178
Decimal	10247090
CIE _{Lab}	49.21, 41.35, -35.66
CIE _{LCh}	49, 54.608, 319.226
Yxy	17.7644, 0.2914, 0.2031
Android (android.graphics.Color)	4288437170 (0xFF9C5BB2)
YUV	120.3530, 28.4200, 31.2624
Hunter-Lab	42.1478, 34.1824, -32.6804

Details

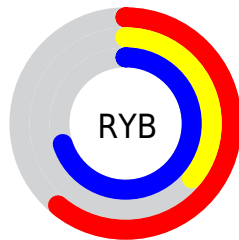
The XYZ color **25.4873, 17.7644, 44.2050** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **24.6192, 36.1072, 15.5700**, and the grayscale version is **17.8755, 18.8064, 20.4802**.

A 20% lighter version of the original color is **51.8251, 39.5825, 82.7506**, and **10.0881, 5.9501, 20.0188** is the 20% darker color. If you saturate the color by 10%, you get **23.2875, 14.6335, 43.7169**, and if you desaturate by 10%, it is **28.0815, 21.6352, 44.8157**.

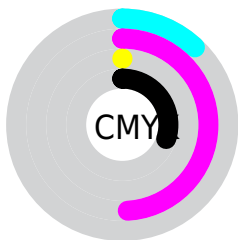
Distribution



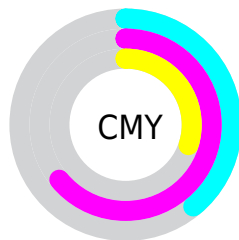
- Red (61%)
- Green (36%)
- Blue (70%)



- Red (61%)
- Yellow (36%)
- Blue (70%)



- Cyan (12%)
- Magenta (49%)
- Yellow (0%)
- Black (30%)



- Cyan (39%)
- Magenta (64%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.4873, 17.7644, 44.2050 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 25.4873, 17.7644, 44.2050 by changing the saturation by 10% instead.

■ 25.4873, 17.7644,
44.2050

■ 25.4873, 17.7644,
44.2050

272.5592,
239.5397, 379.6100

■ 16.5711, 10.7810,
30.4933

■ 51.8839, 39.6355,
82.8319

■ 10.0226, 5.9198,
19.9581

■ 70.0950, 55.2919,
108.5842

■ 5.4763, 2.7963,
12.1808

■ 92.1352, 74.6081,
139.1871

■ 2.5670, 1.0264,
6.7429

■ 118.3698, 97.9685,
175.0592

■ 0.9291, 0.0000,
3.2258

149.1641,
125.7574, 216.6190

■ 0.0000, 0.0000,
1.2111

184.8836,

■ 0.0000, 0.0000,

158.3594, 264.2850

0.0000

225.8935,
196.1587, 318.4758

■ 25.4873, 17.7644,
44.2050

■ 25.4873, 17.7644,
44.2050

■ 23.2875, 14.6335,
43.7169

■ 28.0815, 21.6352,
44.8157

■ 21.4540, 12.1882,
43.3415

■ 31.0920, 26.2905,
45.5556

■ 19.9576, 10.3704,
43.0695

■ 34.5411, 31.7742,
46.4322

■ 18.7635, 9.1109,
42.8894

■ 38.4489, 38.1260,
47.4523

■ 17.8092, 8.2850,
42.7802

■ 42.8344, 45.3832,
48.6219

■ 17.7073, 8.2002,
42.7692

■ 47.7153, 53.5808,
49.9470

■ 53.1085, 62.7521,
51.4330

■ 59.0298, 72.9285,
53.0851

■ 65.4947, 84.1402,
54.9085

Harmonies

Analogous

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



20.3368, 17.7644, 60.0254



25.4873, 17.7644, 44.2050



28.5146, 17.7644, 25.1041

Triad

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



25.4873, 17.7644, 44.2050



18.7919, 17.7644, 2.7648



9.1927, 17.7644, 30.1866

Complementary

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



25.4873, 17.7644, 44.2050



24.6192, 36.1072, 15.5700

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.



8.9447, 17.7644, 14.5375



25.4873, 17.7644, 44.2050



13.8469, 17.7644, 3.0692

Square

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



25.4873, 17.7644, 44.2050



24.1615, 17.7644, 4.8869



10.4747, 17.7644, 6.1572



11.2385, 17.7644, 49.4989

Rectangle

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



25.4873, 17.7644, 44.2050



28.5802, 17.7644, 15.1666



10.4747, 17.7644, 6.1572



8.9145, 17.7644, 24.2219

Sweetspot

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



25.4879, 17.7651, 44.2054



65.1020, 61.5992, 84.8398



18.3907, 17.5190, 44.5319



14.1056, 13.1333, 18.7138



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



25.4879, 17.7651, 44.2054



41.8164, 25.9673, 79.1894



28.2474, 19.4060, 34.4699



8.6361, 8.5364, 10.6989



12.7299, 5.8983, 30.6045



0.4505, 0.2113, 0.9653

Inverse Universe

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



25.0822, 18.1400, 17.8026



41.4130, 26.9792, 24.0595



23.1211, 35.2196, 20.7058



8.5816, 8.5394, 9.2952



13.4979, 6.9167, 2.5161



0.4487, 0.2272, 0.2054

Previews

White Background



This preview shows how the XYZ color 25.4873, 17.7644, 44.2050 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 25.4873, 17.7644, 44.2050 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

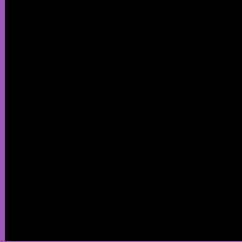
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.4873, 17.7644, 44.2050

Background



This preview shows how black text looks on a background with the XYZ color 25.4873, 17.7644, 44.2050.



This preview shows how white text looks on a background with the XYZ color 25.4873, 17.7644,

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

25.4873, 17.7644, 44.2050

Protanopia

19.8329, 18.1343, 56.4878

Deuteranopia

18.4183, 18.0669, 42.0517



Tritanopia

20.2239, 17.7260, 18.2751

Trichromacy



Original Color

25.4873, 17.7644, 44.2050

Protanomaly

20.7423, 17.2578, 51.5281

Deuteranomaly

20.3029, 17.5333, 42.8716

Tritanomaly

21.7467, 17.5975, 25.9174

Monochromacy



Original Color

25.4873, 17.7644, 44.2050

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

19.9492, 17.8469, 27.5927

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.4873, 17.7644, 44.2050 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(156, 91, 178)` looks like.

```
.text, #text, p{  
    color:rgb(156, 91, 178)  
}
```

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(156, 91, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 91, 178) }
```

Border

The CSS property to change the border of an element to XYZ 25.4873, 17.7644, 44.2050 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(156, 91, 178) }
```


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

```
.border{ border-color:rgb(156, 91, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 91, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 91, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 91, 178);  
box-shadow:4px 4px 4px 4px rgb(156, 91,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 25.4873, 17.7644, 44.2050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 91, 178) }
```

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

```
.background{ background-color: rgb(156, 91,  
178) }
```

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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