

Converting Colors

XYZ(25.4847, 17.8152, 43.1654)

Have a look what the booklet for
XYZ(25.4847, 17.8152, 43.1654)
contains.

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Color

**XYZ(25.4822, 17.7849,
43.1641)**

Conversions

Conversions Part 1

Format	Color
Hex	9D5BB0
RGB	157, 91, 176
RGB Percent	62%, 36%, 69%
CMY	0.3843, 0.6431, 0.3098
CMYK	0.11, 0.48, 0.00, 0.31
HSL	287°, 35%, 52%
HSV	287°, 48%, 69%
XYZ	25.4822, 17.7849, 43.1641
YIQ	120.4240, 12.0510, 40.4270

Conversions

Conversions Part 2

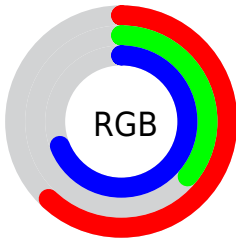
Format	Color
R_{YB}	157, 91, 176
Decimal	10312624
CIE _{Lab}	49.23, 41.22, -34.45
CIE _{LCh}	49, 53.723, 320.117
Yxy	17.7849, 0.2948, 0.2058
Android (android.graphics.Color)	4288502704 (0xFF9D5BB0)
YUV	120.4240, 27.3990, 32.0772
Hunter-Lab	42.1721, 34.0560, -31.1641

Details

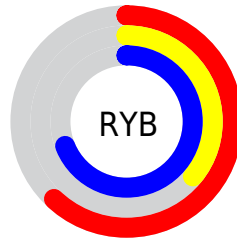
The XYZ color **25.4822, 17.7849, 43.1641** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **23.8447, 35.1215, 15.4207**, and the grayscale version is **17.9012, 18.8335, 20.5096**.

A 20% lighter version of the original color is **51.8285, 39.6173, 81.2592**, and **10.0770, 5.9590, 19.3580** is the 20% darker color. If you saturate the color by 10%, you get **23.3953, 14.7318, 42.6851**, and if you desaturate by 10%, it is **27.9479, 21.5579, 43.7627**.

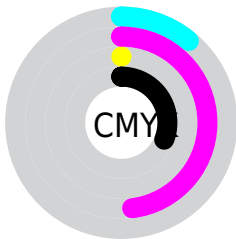
Distribution



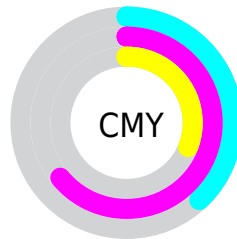
- Red (62%)
- Green (36%)
- Blue (69%)



- Red (62%)
- Yellow (36%)
- Blue (69%)



- Cyan (11%)
- Magenta (48%)
- Yellow (0%)
- Black (31%)





- Cyan (38%)
- Magenta (64%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.4822, 17.7849, 43.1641 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 25.4822, 17.7849, 43.1641 by changing the saturation by 10% instead.


 25.4822, 17.7849,
43.1641


 25.4822, 17.7849,
43.1641

272.5344,
239.6558, 375.2272


 16.5673, 10.7957,
29.6815

 51.8757, 39.6705,
81.2474


 10.0199, 5.9296,
19.3470


 70.0850, 55.3356,
106.6853

 5.4745, 2.8023,
11.7419


 92.1232, 74.6614,
136.9454

 2.5659, 1.0294,
6.4478

 118.3556, 98.0324,
172.4461

 0.9286, 0.0000,
3.0461

149.1476,
125.8330, 213.6062

 0.0000, 0.0000,
1.1182

184.8645,

 0.0000, 0.0000,

158.4475, 260.8440

0.0000

225.8716,
196.2603, 314.5782

■ 25.4822, 17.7849,
43.1641

■ 25.4822, 17.7849,
43.1641

■ 23.3953, 14.7318,
42.6851

■ 27.9479, 21.5579,
43.7627

■ 21.6600, 12.3461,
42.3160

■ 30.8134, 26.0939,
44.4872

■ 20.2484, 10.5717,
42.0479

■ 34.1002, 31.4351,
45.3449

■ 19.1271, 9.3425,
41.8698

■ 37.8278, 37.6201,
46.3423

■ 18.2400, 8.5462,
41.7628

■ 42.0142, 44.6850,
47.4853

■ 18.0973, 8.4243,
41.7468

■ 46.6768, 52.6637,
48.7796

■ 51.8316, 61.5883,
50.2305

■ 57.4941, 71.4893,
51.8432

■ 63.6791, 82.3960,
53.6224

Harmonies

Analogous

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



20.4601, 17.7849, 58.8541



25.4822, 17.7849, 43.1641



28.3586, 17.7849, 24.5288

Triad

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



25.4822, 17.7849, 43.1641



18.6222, 17.7849, 2.8738



9.3407, 17.7849, 30.5620

Complementary

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



25.4822, 17.7849, 43.1641



23.8447, 35.1215, 15.4207

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.



9.0427, 17.7849, 14.9816



25.4822, 17.7849, 43.1641



13.7858, 17.7849, 3.2481

Square

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



25.4822, 17.7849, 43.1641



23.9091, 17.7849, 4.9227



10.5059, 17.7849, 6.4649



11.4212, 17.7849, 49.4156

Rectangle

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



25.4822, 17.7849, 43.1641



28.3490, 17.7849, 14.8881



10.5059, 17.7849, 6.4649



9.0472, 17.7849, 24.6592

Sweetspot

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



25.4828, 17.7857, 43.1645



64.4849, 61.3657, 82.9413



17.8179, 16.6921, 43.3574



13.6732, 12.8003, 17.8944



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



25.4828, 17.7857, 43.1645



42.1830, 26.3667, 77.3613



27.4235, 19.0240, 32.5088



8.6605, 8.5490, 10.7000



13.3301, 6.2077, 30.6326



0.4654, 0.2190, 0.9660

Inverse Universe

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



24.4607, 17.8388, 16.9067



40.4666, 26.6875, 22.8057



22.8587, 34.4826, 21.2722



8.5716, 8.5353, 9.2423



13.4285, 6.8890, 2.1505



0.4446, 0.2256, 0.1838

Previews

White Background



This preview shows how the XYZ color 25.4822, 17.7849, 43.1641 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 25.4822, 17.7849, 43.1641 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

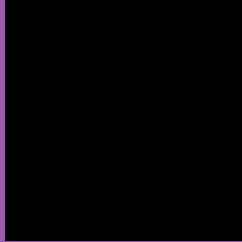
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.4822, 17.7849, 43.1641

Background



This preview shows how black text looks on a background with the XYZ color 25.4822, 17.7849, 43.1641.



This preview shows how white text looks on a background with the XYZ color 25.4822, 17.7849,

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

25.4822, 17.7849, 43.1641

Protanopia

19.7761, 18.1317, 55.2808

Deuteranopia

18.3154, 17.8640, 41.0108



Tritanopia

20.4040, 17.8189, 18.2836

Trichromacy



Original Color

25.4822, 17.7849, 43.1641

Protanomaly

20.7697, 17.2972, 50.3881

Deuteranomaly

20.2717, 17.3841, 41.8222

Tritanomaly

21.9315, 17.6928, 25.9260

Monochromacy



Original Color

25.4822, 17.7849, 43.1641

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

19.8751, 17.8173, 27.2025

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.4822, 17.7849, 43.1641 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(157, 91, 176)` looks like.

```
.text, #text, p{  
  color:rgb(157, 91, 176)  
}
```

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(157, 91, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 91, 176) }
```

Border

The CSS property to change the border of an element to XYZ 25.4822, 17.7849, 43.1641 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(157, 91, 176) }
```


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

```
.border{ border-color:rgb(157, 91, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 91, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 91, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 91, 176);  
box-shadow:4px 4px 4px 4px rgb(157, 91,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 25.4822, 17.7849, 43.1641 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 91, 176) }
```

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

```
.background{ background-color: rgb(157, 91,  
176) }
```

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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