

Converting Colors

XYZ(25.5594, 17.6391, 27.4955)

Have a look what the booklet for
XYZ(25.5594, 17.6391, 27.4955)
contains.

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Color

**XYZ(25.5243, 17.6536,
27.6534)**

Conversions

Conversions Part 1

Format	Color
Hex	AD578E
RGB	173, 87, 142
RGB Percent	68%, 34%, 56%
CMY	0.3216, 0.6588, 0.4431
CMYK	0.00, 0.50, 0.18, 0.32
HSL	322°, 34%, 51%
HSV	322°, 50%, 68%
XYZ	25.5243, 17.6536, 27.6534
YIQ	118.9840, 33.6010, 35.3370

Conversions

Conversions Part 2

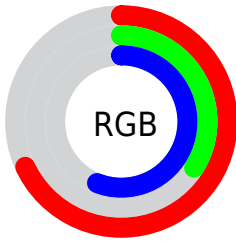
Format	Color
R_{YB}	173, 87, 142
Decimal	11360142
CIE _{Lab}	49.07, 42.10, -14.46
CIE _{LCh}	49, 44.510, 341.041
Yxy	17.6536, 0.3604, 0.2492
Android (android.graphics.Color)	4289550222 (0xFFAD578E)
YUV	118.9840, 11.3469, 47.3720
Hunter-Lab	42.0162, 34.9082, -9.6110

Details

The XYZ color **25.5243, 17.6536, 27.6534** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **22.1449, 33.2220, 22.3863**, and the grayscale version is **17.4879, 18.3986, 20.0361**.

A 20% lighter version of the original color is **51.9750, 39.5647, 57.1219**, and **10.0040, 5.8263, 10.7225** is the 20% darker color. If you saturate the color by 10%, you get **23.8327, 14.9986, 24.8437**, and if you desaturate by 10%, it is **27.5789, 20.9920, 30.7137**.

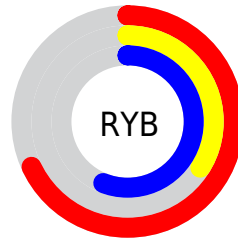
Distribution



Red (68%)

Green (34%)

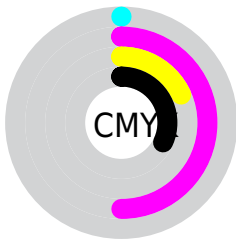
Blue (56%)



Red (68%)

Yellow (34%)

Blue (56%)

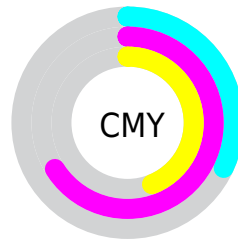


Cyan (0%)

Magenta (50%)

Yellow (18%)

Black (32%)



Cyan (32%)


Magenta (66%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.5243, 17.6536, 27.6534 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 25.5243, 17.6536, 27.6534 by changing the saturation by 10% instead.

 25.5243, 17.6536,
27.6534


 25.5243, 17.6536,
27.6534


272.7387,
238.9112, 304.6667


 16.5989, 10.7016,
17.8278


 51.9433, 39.4462,
56.9470


 10.0425, 5.8665,
10.6583


 70.1677, 55.0555,
77.2521

 5.4896, 2.7641,
5.7263

 92.2224, 74.3194,
101.8875

 2.5750, 1.0099,
2.6133

 118.4728, 97.6223,
131.2716

 0.9332, 0.0000,
0.8993

 149.2843,
125.3485, 165.8230

 0.0000, 0.0000,
0.0000

185.0222,

157.8825, 205.9603

226.0519,
195.6086, 252.1020

■ 25.5243, 17.6536,
27.6534

■ 25.5243, 17.6536,
27.6534

■ 23.8327, 14.9986,
24.8437

■ 27.5789, 20.9920,
30.7137

■ 22.4775, 12.9756,
22.2731

■ 30.0171, 25.0554,
34.0331

■ 21.4313, 11.5299,
19.9306


■ 32.8600, 29.8849,
37.6206

■ 20.6610, 10.5963,
17.8029


■ 36.1267, 35.5181,
41.4847


■ 20.0985, 10.0390,
15.8650


■ 39.8348, 41.9896,
45.6331

 20.0830, 10.0240,
15.8107

 44.0012, 49.3325,
50.0733

 48.6416, 57.5778,
54.8124

 53.7710, 66.7550,
59.8572

 59.4040, 76.8923,
65.2143

Harmonies

Analogous

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



22.5895, 17.6536, 42.1543



25.5243, 17.6536, 27.6534



25.9038, 17.6536, 15.1650

Triad

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



25.5243, 17.6536, 27.6534



15.2955, 17.6536, 4.3764



11.4467, 17.6536, 38.4951

Complementary

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



25.5243, 17.6536, 27.6534



22.1449, 33.2220, 22.3863

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.



10.0968, 17.6536, 23.9442



25.5243, 17.6536, 27.6534



12.0619, 17.6536, 6.6151

Square

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



25.5243, 17.6536, 27.6534



19.5105, 17.6536, 4.6884



10.3017, 17.6536, 12.7061



14.3155, 17.6536, 49.9904

Rectangle

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



25.5243, 17.6536, 27.6534



24.5960, 17.6536, 9.6739



10.3017, 17.6536, 12.7061



10.8235, 17.6536, 33.5959

Sweetspot

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



25.5248, 17.6544, 27.6537



61.3560, 57.8265, 70.3913



18.3014, 13.6233, 41.2006



13.0807, 12.1311, 14.9951



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



25.5248, 17.6544, 27.6537



42.3236, 26.3124, 43.8522



22.9379, 16.6197, 14.0312



8.2127, 8.0983, 9.4307



14.7819, 7.3753, 11.7629



0.4361, 0.2151, 0.4585

Inverse Universe

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



25.5248, 17.6544, 27.6537



42.3236, 26.3124, 43.8522



25.2287, 34.4555, 38.6251



8.2127, 8.0983, 9.4307



14.7819, 7.3753, 11.7629



0.4361, 0.2151, 0.4585

Previews

White Background



This preview shows how the XYZ color 25.5243, 17.6536, 27.6534 looks on a white background.

Color Contrast Check

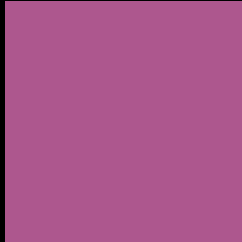
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.5243, 17.6536, 27.6534 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

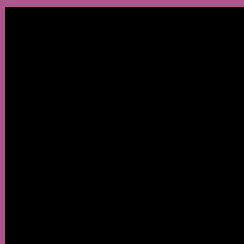
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.5243, 17.6536, 27.6534

Background



This preview shows how black text looks on a background with the XYZ color 25.5243, 17.6536, 27.6534.



This preview shows how white text looks on a background with the XYZ color 25.5243, 17.6536,

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

25.5243, 17.6536, 27.6534

Protanopia

18.4498, 18.0187, 37.1559

Deuteranopia

18.1404, 17.7627, 26.1394



Tritanopia

22.8527, 17.5787, 14.7589

Trichromacy



Original Color

25.5243, 17.6536, 27.6534

Protanomaly

19.8701, 17.0589, 33.2558

Deuteranomaly

20.2580, 17.2537, 26.6887

Tritanomaly

23.6156, 17.4847, 18.9598

Monochromacy



Original Color

25.5243, 17.6536, 27.6534

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

19.7359, 17.5367, 22.4234

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.5243, 17.6536, 27.6534 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(173, 87, 142)` looks like.

```
.text, #text, p{  
    color:rgb(173, 87, 142)  
}
```

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(173, 87, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 87, 142) }
```

Border

The CSS property to change the border of an element to XYZ 25.5243, 17.6536, 27.6534 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(173, 87, 142) }
```


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

```
.border{ border-color:rgb(173, 87, 142) }
```

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

Here you see how a box with a 4 pixel rgb(173, 87, 142) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 87, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 87, 142);  
box-shadow:4px 4px 4px 4px rgb(173, 87,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 25.5243, 17.6536, 27.6534 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 87, 142) }
```

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

```
.background{ background-color: rgb(173, 87,  
142) }
```

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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