

Converting Colors

XYZ(25.4085, 20.6100, 23.0619)

Have a look what the booklet for
XYZ(25.4085, 20.6100, 23.0619)
contains.

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Color

**XYZ(25.4073, 20.6085,
23.0608)**

Conversions

Conversions Part 1

Format	Color
Hex	A86C80
RGB	168, 108, 128
RGB Percent	66%, 42%, 50%
CMY	0.3412, 0.5765, 0.4980
CMYK	0.00, 0.36, 0.24, 0.34
HSL	340°, 26%, 54%
HSV	340°, 36%, 66%
XYZ	25.4073, 20.6085, 23.0608
YIQ	128.2200, 29.3400, 18.9400

Conversions

Conversions Part 2

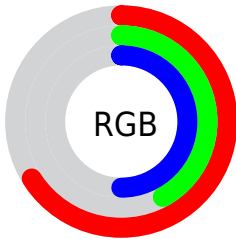
Format	Color
R_{YB}	168, 108, 128
Decimal	11037824
CIE _{Lab}	52.52, 26.75, -1.08
CIE _{LCh}	53, 26.774, 357.686
Yxy	20.6085, 0.3678, 0.2983
Android (android.graphics.Color)	4289227904 (0xFFA86C80)
YUV	128.2200, -0.1085, 34.8871
Hunter-Lab	45.3966, 20.4578, 1.6592

Details

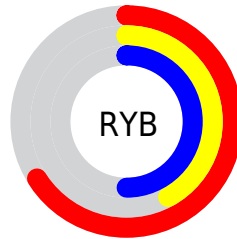
The XYZ color **25.4073, 20.6085, 23.0608** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **25.5332, 33.3320, 33.1067**, and the grayscale version is **20.5879, 21.6601, 23.5879**.

A 20% lighter version of the original color is **51.6518, 44.3251, 49.5493**, and **9.9147, 7.2698, 8.2778** is the 20% darker color. If you saturate the color by 10%, you get **23.1062, 17.1217, 18.8550**, and if you desaturate by 10%, it is **28.1323, 24.8126, 27.8099**.

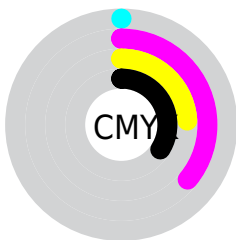
Distribution



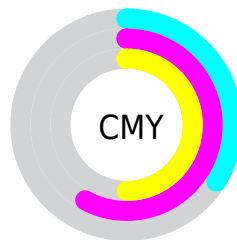
- Red (66%)
- Green (42%)
- Blue (50%)



- Red (66%)
- Yellow (42%)
- Blue (50%)



- Cyan (0%)
- Magenta (36%)
- Yellow (24%)
- Black (34%)





- Cyan (34%)
- Magenta (58%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.4073, 20.6085, 23.0608 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 25.4073, 20.6085, 23.0608 by changing the saturation by 10% instead.


 25.4073, 20.6085,
23.0608


 25.4073, 20.6085,
23.0608


272.1707,
255.1905, 281.1692


 16.5111, 12.8381,
14.4327


 51.7554, 44.4351,
49.4176


 9.9797, 7.3172,
8.2800


 69.9380, 61.2600,
67.9834

 5.4477, 3.6612,
4.1843


 91.9467, 81.8720,
90.6988

 2.5497, 1.4859,
1.7270

 118.1470,
106.6553, 117.9823

 0.9204, 0.2788,
0.3791

148.9042,
135.9945, 150.2526

 0.0000, 0.0000,
0.0000

184.5836,

170.2738, 187.9282

225.5507,
209.8777, 231.4275

■ 25.4073, 20.6085,
23.0608

■ 25.4073, 20.6085,
23.0608

■ 23.1062, 17.1217,
18.8550

■ 28.1323, 24.8126,
27.8099

■ 21.2051, 14.3089,
15.1709

■ 31.3002, 29.7684,
33.1204

■ 19.6800, 12.1266,
11.9871


■ 34.9308, 35.5114,
39.0109


■ 18.5037, 10.5248,
9.2800


■ 39.0422, 42.0741,
45.4989


■ 17.6448, 9.4462,
7.0237


■ 43.6513, 49.4871,
52.6010


 17.0635, 8.8160,
5.1885

 48.7746, 57.7794,
60.3331

 16.8622, 8.6103,
4.5138

 54.4274, 66.9788,
68.7107

 60.6247, 77.1117,
77.7486

 66.0244, 85.4912,
87.0091

Harmonies

Analogous

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



24.4437, 20.6085, 31.6227



25.4073, 20.6085, 23.0608



24.6938, 20.6085, 16.0708

Triad

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



25.4073, 20.6085, 23.0608



17.2154, 20.6085, 11.4592



16.8758, 20.6085, 37.9604

Complementary

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



25.4073, 20.6085, 23.0608



25.5332, 33.3320, 33.1067

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.



15.2391, 20.6085, 30.3004



25.4073, 20.6085, 23.0608



15.4217, 20.6085, 15.2317

Square

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



25.4073, 20.6085, 23.0608



19.8036, 20.6085, 10.3865



14.7325, 20.6085, 21.8288



19.3735, 20.6085, 41.3960

Rectangle

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



25.4073, 20.6085, 23.0608



23.3973, 20.6085, 12.9425



14.7325, 20.6085, 21.8288



16.2160, 20.6085, 35.7173

Sweetspot

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



25.4079, 20.6095, 23.0612



59.6639, 58.5384, 64.7900



24.6440, 19.8493, 39.5783



12.8222, 12.4714, 13.8252



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



25.4079, 20.6095, 23.0612



42.6748, 32.1890, 35.6077



25.3344, 22.3654, 17.1703



7.6304, 7.5820, 8.3709



12.7553, 6.5108, 3.5228



0.3339, 0.1679, 0.2100

Inverse Universe

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



25.4079, 20.6095, 23.0612



42.6748, 32.1890, 35.6077



25.4798, 30.4697, 41.5842



7.6304, 7.5820, 8.3709



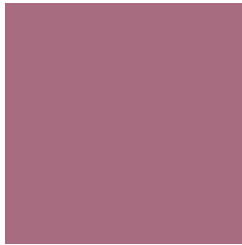
12.7553, 6.5108, 3.5228



0.3339, 0.1679, 0.2100

Previews

White Background



This preview shows how the XYZ color 25.4073, 20.6085, 23.0608 looks on a white background.

Color Contrast Check

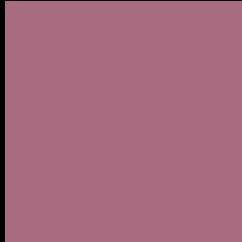
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the XYZ color 25.4073, 20.6085, 23.0608 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

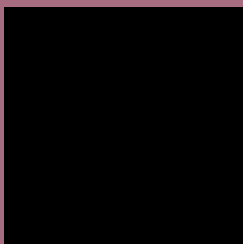
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.4073, 20.6085, 23.0608

Background



This preview shows how black text looks on a background with the XYZ color 25.4073, 20.6085, 23.0608.



This preview shows how white text looks on a background with the XYZ color 25.4073, 20.6085,

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

25.4073, 20.6085, 23.0608

Protanopia

20.2332, 20.7873, 26.9907

Deuteranopia

21.2067, 20.8287, 22.6413



Tritanopia

24.7823, 20.6754, 19.8241

Trichromacy



Original Color

25.4073, 20.6085, 23.0608

Protanomaly

21.7151, 20.4903, 25.3648

Deuteranomaly

22.5865, 20.6444, 22.8730

Tritanomaly

24.9178, 20.5579, 21.0671

Monochromacy



Original Color

25.4073, 20.6085, 23.0608

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

22.0613, 21.0729, 23.3268

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.4073, 20.6085, 23.0608 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(168, 108, 128)` looks like.

```
.text, #text, p{  
    color:rgb(168, 108, 128)  
}
```

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(168, 108, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 108, 128) }
```

Border

The CSS property to change the border of an element to XYZ 25.4073, 20.6085, 23.0608 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(168, 108, 128) }
```


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

```
.border{ border-color:rgb(168, 108, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 108, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 108, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 108, 128);  
box-shadow:4px 4px 4px 4px rgb(168, 108,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 25.4073, 20.6085, 23.0608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 108, 128) }
```

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

```
.background{ background-color: rgb(168,  
108, 128) }
```

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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