

Converting Colors

XYZ(25.1630, 16.0555, 19.4756)

Have a look what the booklet for
XYZ(25.1630, 16.0555, 19.4756)
contains.

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Color

**XYZ(25.2360, 16.0581,
19.5387)**

Conversions

Conversions Part 1

Format	Color
Hex	B74878
RGB	183, 72, 120
RGB Percent	72%, 28%, 47%
CMY	0.2824, 0.7176, 0.5294
CMYK	0.00, 0.61, 0.34, 0.28
HSL	334°, 44%, 50%
HSV	334°, 61%, 72%
XYZ	25.2360, 16.0581, 19.5387
YIQ	110.6610, 50.7480, 38.4600

Conversions

Conversions Part 2

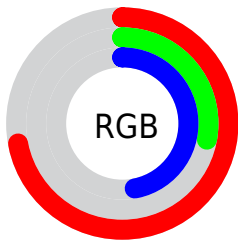
Format	Color
RYB	183, 72, 120
Decimal	12011640
CIELab	47.05, 49.59, -4.10
CIELCh	47, 49.763, 355.273
Yxy	16.0581, 0.4148, 0.2640
Android (android.graphics.Color)	4290201720 (0xFFB74878)
YUV	110.6610, 4.6041, 63.4413
Hunter-Lab	40.0726, 42.2848, -0.8580

Details

The XYZ color **25.2360, 16.0581, 19.5387** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **23.9801, 36.9945, 28.8007**, and the grayscale version is **14.9888, 15.7694, 17.1729**.

A 20% lighter version of the original color is **51.5252, 36.7775, 43.4128**, and **9.8716, 5.0989, 6.5948** is the 20% darker color. If you saturate the color by 10%, you get **23.6275, 13.7958, 16.0592**, and if you desaturate by 10%, it is **27.2659, 19.0536, 23.4963**.

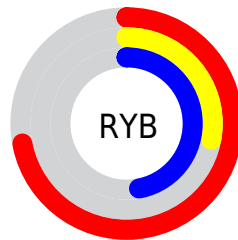
Distribution



Red (72%)

Green (28%)

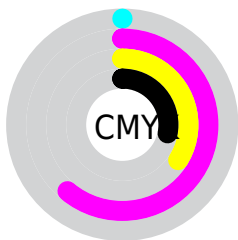
Blue (47%)



Red (72%)

Yellow (28%)

Blue (47%)

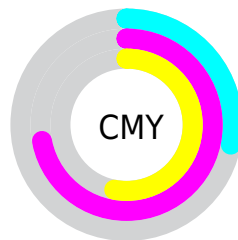


Cyan (0%)

Magenta (61%)

Yellow (34%)

Black (28%)



Cyan (28%)


Magenta (72%)


Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.2360, 16.0581, 19.5387 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 25.2360, 16.0581, 19.5387 by changing the saturation by 10% instead.


 25.2360, 16.0581,
19.5387


 25.2360, 16.0581,
19.5387


271.3372,
229.6843, 261.9279


 16.3826, 9.5653,
11.8794


 51.4800, 36.6990,
43.4912

 9.8879, 5.1117,
6.5401


 69.6013, 51.6159,
60.6215


 5.3864, 2.3129,
3.1021

 91.5426, 70.1097,
81.7458

 2.5128, 0.7805,
1.1470

 117.6694, 92.5646,
107.2828

 0.9017, 0.0000,
0.0000

 148.3468,
119.3651, 137.6510

 0.0000, 0.0000,
0.0000

183.9404,

150.8957, 173.2689

224.8154,
187.5406, 214.5550

■ 25.2360, 16.0581,
19.5387

■ 25.2360, 16.0581,
19.5387

■ 23.6275, 13.7958,
16.0592

■ 27.2659, 19.0536,
23.4963

■ 22.4045, 12.1986,
13.0349

■ 29.7462, 22.8372,
27.9516

■ 21.5270, 11.1901,
10.4411

■ 32.7048, 27.4615,
32.9238

■ 20.9445, 10.6337,
8.3705

■ 36.1670, 32.9739,
38.4308

■ 40.1560, 39.4180,
44.4893

■ 44.6937, 46.8348,
51.1154

■ 49.8007, 55.2625,
58.3244

■ 55.4965, 64.7376,
66.1310

■ 61.7995, 75.2946,
74.5494

Harmonies

Analogous

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



23.2426, 16.0581, 35.0402



25.2360, 16.0581, 19.5387



24.1691, 16.0581, 9.1060

Triad

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



25.2360, 16.0581, 19.5387



11.9557, 16.0581, 3.5192



10.9675, 16.0581, 45.5754

Complementary

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



25.2360, 16.0581, 19.5387



23.9801, 36.9945, 28.8007

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.



8.8672, 16.0581, 29.8702



25.2360, 16.0581, 19.5387



9.3569, 16.0581, 7.0629

Square

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



25.2360, 16.0581, 19.5387



15.9641, 16.0581, 2.8115



8.3391, 16.0581, 15.5796



14.5822, 16.0581, 53.9921

Rectangle

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



25.2360, 16.0581, 19.5387



21.9559, 16.0581, 5.3717



8.3391, 16.0581, 15.5796



10.0902, 16.0581, 40.6942

Sweetspot

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



25.2365, 16.0589, 19.5390



66.3704, 61.6204, 71.2940



20.8411, 13.1973, 46.2488



14.2257, 12.9137, 15.0762



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



25.2365, 16.0589, 19.5390



41.4623, 23.5614, 26.7456



23.5238, 16.1860, 8.0163



9.1615, 9.0750, 10.1979



14.6443, 7.4315, 6.0138



0.5474, 0.2744, 0.3761

Inverse Universe

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



25.2365, 16.0589, 19.5390



41.4623, 23.5614, 26.7456



26.6674, 35.6911, 50.2834



9.1615, 9.0750, 10.1979



14.6443, 7.4315, 6.0138



0.5474, 0.2744, 0.3761

Previews

White Background



This preview shows how the XYZ color 25.2360, 16.0581, 19.5387 looks on a white background.

Color Contrast Check

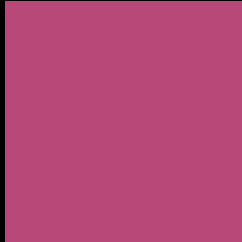
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.2360, 16.0581, 19.5387 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

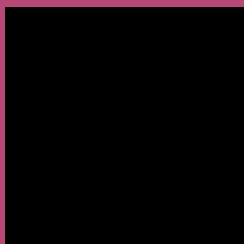
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 25.2360, 16.0581, 19.5387

Background



This preview shows how black text looks on a background with the XYZ color 25.2360, 16.0581, 19.5387.



This preview shows how white text looks on a background with the XYZ color 25.2360, 16.0581,

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

25.2360, 16.0581, 19.5387

Protanopia

16.3888, 16.2968, 29.0699

Deuteranopia

16.5319, 16.2898, 18.1925



Tritanopia

23.3307, 16.0965, 10.4716

Trichromacy



Original Color

25.2360, 16.0581, 19.5387

Protanomaly

18.2343, 15.2325, 25.2717

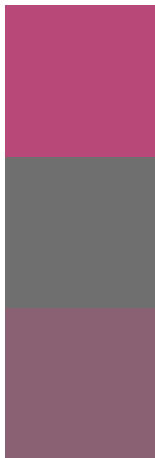
Deuteranomaly

18.8369, 15.5560, 18.5328

Tritanomaly

23.9145, 16.0134, 13.3857

Monochromacy



Original Color

25.2360, 16.0581, 19.5387

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

17.6285, 15.0827, 17.9017

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.2360, 16.0581, 19.5387 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(183, 72, 120)` looks like.

```
.text, #text, p{  
    color:rgb(183, 72, 120)  
}
```

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(183, 72, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 72, 120) }
```

Border

The CSS property to change the border of an element to XYZ 25.2360, 16.0581, 19.5387 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(183, 72, 120) }
```


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

```
.border{ border-color:rgb(183, 72, 120) }
```

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

Here you see how a box with a 4 pixel rgb(183, 72, 120) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 72, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 72, 120);  
box-shadow:4px 4px 4px 4px rgb(183, 72,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 25.2360, 16.0581, 19.5387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 72, 120) }
```

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

```
.background{ background-color: rgb(183, 72,  
120) }
```

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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