

Converting Colors

XYZ(32.3487, 25.6419, 40.7805)

Have a look what the booklet for
XYZ(32.3487, 25.6419, 40.7805)
contains.

XYZ(32.3487, 25.6419, 40.7805)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(32.3487, 25.6419,
40.7805)**

Conversions

Conversions Part 1

Format	Color
Hex	B377A9
RGB	179, 119, 169
RGB Percent	70%, 47%, 66%
CMY	0.2980, 0.5333, 0.3373
CMYK	0.00, 0.34, 0.06, 0.30
HSL	310°, 28%, 58%
HSV	310°, 34%, 70%
XYZ	32.3487, 25.6419, 40.7805
YIQ	142.6400, 19.7100, 28.2700

Conversions

Conversions Part 2

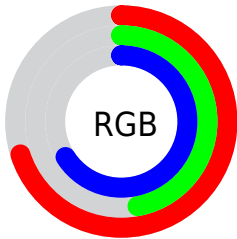
Format	Color
R_{YB}	179, 119, 169
Decimal	11761577
CIE _{Lab}	57.70, 31.44, -17.10
CIE _{LCh}	58, 35.792, 331.454
Yxy	25.6419, 0.3275, 0.2596
Android (android.graphics.Color)	4289951657 (0xFFB377A9)
YUV	142.6400, 12.9955, 31.8877
Hunter-Lab	50.6378, 25.4140, -12.3019

Details

The XYZ color **32.3487, 25.6419, 40.7805** is a light color, and the websafe version is hex **996699**. A complement of this color would be **27.6914, 37.7480, 26.5971**, and the grayscale version is **25.9101, 27.2595, 29.6855**.

A 20% lighter version of the original color is **62.7991, 52.7197, 77.3871**, and **13.7965, 9.9006, 18.0135** is the 20% darker color. If you saturate the color by 10%, you get **30.1390, 21.6652, 38.6779**, and if you desaturate by 10%, it is **34.9676, 30.4259, 43.0516**.

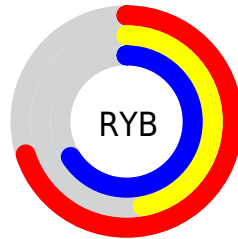
Distribution



Red (70%)

Green (47%)

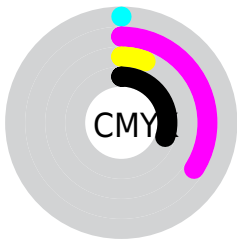
Blue (66%)



Red (70%)

Yellow (47%)

Blue (66%)

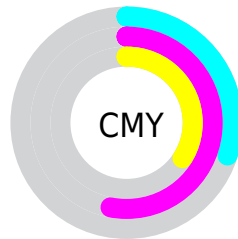


Cyan (0%)

Magenta (34%)

Yellow (6%)

Black (30%)



Cyan (30%)


Magenta (53%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.3487, 25.6419, 40.7805 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 32.3487, 25.6419, 40.7805 by changing the saturation by 10% instead.

 32.3487, 25.6419,
40.7805


 32.3487, 25.6419,
40.7805


304.4218,
281.0197, 365.0518

 21.7848, 16.5559,
27.8292


 62.7189, 52.6967,
77.6006

 13.8146, 9.9184,
17.9590


 83.2558, 71.4343,
102.3065

 8.0727, 5.3449,
10.7514


 107.8479, 94.1579,
131.7677

 4.1937, 2.4510,
5.7879

136.8604,
121.2519, 166.4027

 1.8123, 0.8519,
2.6498

170.6587,
153.1007, 206.6301

 0.5251, 0.0000,
0.9180

209.6081,

 0.0000, 0.0000,

190.0886, 252.8684

0.0000

254.0740,
232.6002, 305.5361

■ 32.3487, 25.6419,
40.7805

■ 32.3487, 25.6419,
40.7805

■ 30.1390, 21.6652,
38.6779

■ 34.9676, 30.4259,
43.0516

■ 28.3134, 18.4471,
36.7343

■ 38.0142, 36.0553,
45.4968

■ 26.8480, 15.9392,
34.9420

■ 41.5087, 42.5701,
48.1232

■ 25.7149, 14.0859,
33.2913

■ 45.4692, 50.0067,
50.9371

■ 24.8821, 12.8233,
31.7715

■ 49.9131, 58.3994,
53.9444

■ 24.3113, 12.0749,
30.3695

■ 54.8565, 67.7806,
57.1509

■ 24.0287, 11.7590,
29.5059

■ 60.3151, 78.1816,
60.5618

■ 63.9619, 84.9483,
63.4017

■ 64.2979, 85.0827,
65.1711

Harmonies

Analogous

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



28.9285, 25.6419, 53.2711



32.3487, 25.6419, 40.7805



33.5702, 25.6419, 27.3254

Triad

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



32.3487, 25.6419, 40.7805



24.1635, 25.6419, 10.3516



17.9978, 25.6419, 42.1298

Complementary

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



32.3487, 25.6419, 40.7805



27.6914, 37.7480, 26.5971

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.



17.0289, 25.6419, 28.5225



32.3487, 25.6419, 40.7805



20.3208, 25.6419, 12.2415

Square

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



32.3487, 25.6419, 40.7805



28.5245, 25.6419, 11.8993



17.8276, 25.6419, 18.0943



20.6431, 25.6419, 54.1972

Rectangle

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



32.3487, 25.6419, 40.7805



32.8717, 25.6419, 20.1486



17.8276, 25.6419, 18.0943



17.4802, 25.6419, 37.4689

Sweetspot

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



32.3495, 25.6430, 40.7810



70.0863, 68.3006, 83.0208



23.7879, 21.1167, 45.4707



15.3409, 14.7846, 18.2509



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.



32.3495, 25.6430, 40.7810



55.0305, 40.6839, 70.3108



29.8484, 24.6426, 27.6106



8.7880, 8.6219, 10.3820



17.0001, 8.3176, 20.9584



0.5510, 0.2682, 0.7444

Inverse Universe

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



32.3495, 25.6430, 40.7810



55.0305, 40.6839, 70.3108



29.9868, 38.6662, 38.6847



8.7880, 8.6219, 10.3820



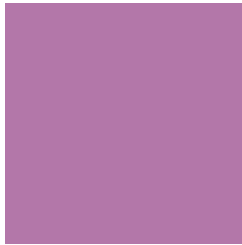
17.0001, 8.3176, 20.9584



0.5510, 0.2682, 0.7444

Previews

White Background



This preview shows how the XYZ color 32.3487, 25.6419, 40.7805 looks on a white background.

Color Contrast Check

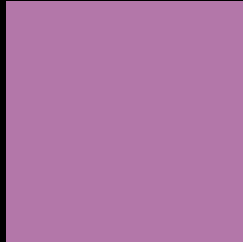
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.3487, 25.6419, 40.7805 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

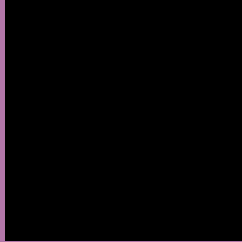
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.3487, 25.6419, 40.7805

Background



This preview shows how black text looks on a background with the XYZ color 32.3487, 25.6419, 40.7805.



This preview shows how white text looks on a background with the XYZ color 32.3487, 25.6419,

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

32.3487, 25.6419, 40.7805

Protanopia

26.1416, 25.7807, 47.8543

Deuteranopia

26.3346, 25.8505, 39.6781



Tritanopia

29.5132, 25.7849, 26.3431

Trichromacy



Original Color

32.3487, 25.6419, 40.7805

Protanomaly

27.7725, 25.2506, 45.0051

Deuteranomaly

28.2841, 25.6253, 40.0147

Tritanomaly

30.2539, 25.5026, 30.9317

Monochromacy



Original Color

32.3487, 25.6419, 40.7805

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

27.9029, 26.3851, 33.3280

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.3487, 25.6419, 40.7805 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(179, 119, 169)` looks like.

```
.text, #text, p{  
    color:rgb(179, 119, 169)  
}
```

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(179, 119, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 119, 169) }
```

Border

The CSS property to change the border of an element to XYZ 32.3487, 25.6419, 40.7805 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(179, 119, 169) }
```


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

```
.border{ border-color:rgb(179, 119, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 119, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 119, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 119, 169);  
box-shadow:4px 4px 4px 4px rgb(179, 119,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 32.3487, 25.6419, 40.7805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 119, 169) }
```

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

```
.background{ background-color: rgb(179,  
119, 169) }
```

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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