

Converting Colors

XYZ(32.0233, 25.5265, 41.6047)

Have a look what the booklet for
XYZ(32.0233, 25.5265, 41.6047)
contains.

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Color

**XYZ(32.0790, 25.4810,
41.7557)**

Conversions

Conversions Part 1

Format	Color
Hex	B177AB
RGB	177, 119, 171
RGB Percent	69%, 47%, 67%
CMY	0.3059, 0.5333, 0.3294
CMYK	0.00, 0.33, 0.03, 0.31
HSL	306°, 27%, 58%
HSV	306°, 33%, 69%
XYZ	32.0790, 25.4810, 41.7557
YIQ	142.2700, 17.8760, 28.4680

Conversions

Conversions Part 2

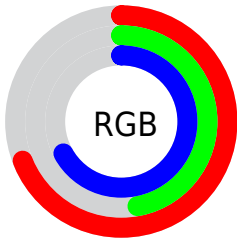
Format	Color
RYB	177, 119, 171
Decimal	11630507
CIELab	57.54, 31.13, -18.51
CIELCh	58, 36.221, 329.267
Yxy	25.4810, 0.3230, 0.2566
Android (android.graphics.Color)	4289820587 (0xFFB177AB)
YUV	142.2700, 14.1639, 30.4582
Hunter-Lab	50.4787, 25.0982, -13.7093

Details

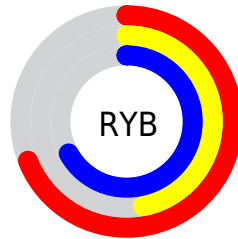
The XYZ color **32.0790, 25.4810, 41.7557** is a light color, and the websafe version is hex **996699**. A complement of this color would be **27.0326, 36.8478, 25.0910**, and the grayscale version is **25.7594, 27.1009, 29.5129**.

A 20% lighter version of the original color is **62.0843, 52.3197, 78.7780**, and **13.6263, 9.7991, 18.6260** is the 20% darker color. If you saturate the color by 10%, you get **29.9923, 21.5847, 40.2051**, and if you desaturate by 10%, it is **34.5620, 30.1652, 43.4509**.

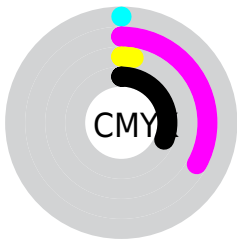
Distribution



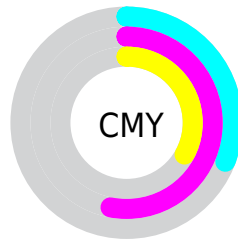
- Red (69%)
- Green (47%)
- Blue (67%)



- Red (69%)
- Yellow (47%)
- Blue (67%)



- Cyan (0%)
- Magenta (33%)
- Yellow (3%)
- Black (31%)



- Cyan (31%)
- Magenta (53%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.0790, 25.4810, 41.7557 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 32.0790, 25.4810, 41.7557 by changing the saturation by 10% instead.

■ 32.0790, 25.4810,
41.7557

■ 32.0790, 25.4810,
41.7557

303.2179,
280.2250, 369.2390

■ 21.5777, 16.4358,
28.5859

■ 62.2993, 52.4365,
79.0958

■ 13.6618, 9.8330,
18.5249

■ 82.7489, 71.1155,
104.1033

■ 7.9659, 5.2884,
11.1542

■ 107.2454, 93.7746,
133.8937

■ 4.1248, 2.4175,
6.0552

136.1541,
120.7982, 168.8856

■ 1.7730, 0.8348,
2.8093

169.8404,
152.5706, 209.4975

■ 0.5013, 0.0000,
0.9981

208.6695,

■ 0.0000, 0.0000,

189.4763, 256.1480

0.0000

253.0069,
231.8996, 309.2557

■ 32.0790, 25.4810,
41.7557

■ 32.0790, 25.4810,
41.7557

■ 29.9923, 21.5847,
40.2051

■ 34.5620, 30.1652,
43.4509

■ 28.2778, 18.4291,
38.7902

■ 37.4590, 35.6740,
45.2958

■ 26.9121, 15.9675,
37.5034

■ 40.7896, 42.0462,
47.2972

■ 25.8686, 14.1465,
36.3357

■ 44.5715, 49.3169,
49.4612

■ 25.1166, 12.9046,
35.2770

■ 48.8212, 57.5195,
51.7932

■ 24.6195, 12.1686,
34.3149

■ 53.5546, 66.6853,
54.2986

■ 24.3628, 11.8397,
33.6606

■ 58.7867, 76.8446,
56.9825

■ 62.7176, 84.3976,
59.2449

■ 62.9131, 84.4758,
60.2744

Harmonies

Analogous

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



28.5086, 25.4810, 54.0846



32.0790, 25.4810, 41.7557



33.5051, 25.4810, 28.0499

Triad

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



32.0790, 25.4810, 41.7557



24.3253, 25.4810, 10.1140



17.6744, 25.4810, 41.0674

Complementary

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



32.0790, 25.4810, 41.7557



27.0326, 36.8478, 25.0910

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.



16.8298, 25.4810, 27.4413



32.0790, 25.4810, 41.7557



20.3827, 25.4810, 11.7421

Square

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



32.0790, 25.4810, 41.7557



28.7143, 25.4810, 11.9145



17.7607, 25.4810, 17.2810



20.2191, 25.4810, 53.6112

Rectangle

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



32.0790, 25.4810, 41.7557



32.9319, 25.4810, 20.6152



17.7607, 25.4810, 17.2810



17.1967, 25.4810, 36.3528

Sweetspot

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



32.0798, 25.4821, 41.7562



68.5593, 66.7013, 82.0251



22.9620, 20.7141, 44.3836



14.6881, 14.1310, 17.6724



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.



32.0798, 25.4821, 41.7562



54.8003, 40.6751, 72.8395



29.6268, 24.5009, 28.8387



8.8114, 8.6313, 10.5052



17.6645, 8.5833, 24.4568



0.5666, 0.2744, 0.8265

Inverse Universe

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



32.0798, 25.4821, 41.7562



54.8003, 40.6751, 72.8395



29.1469, 37.6935, 36.2250



8.8114, 8.6313, 10.5052



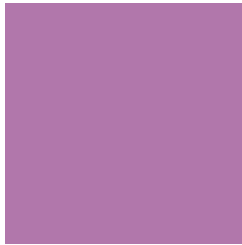
17.6645, 8.5833, 24.4568



0.5666, 0.2744, 0.8265

Previews

White Background



This preview shows how the XYZ color 32.0790, 25.4810, 41.7557 looks on a white background.

Color Contrast Check

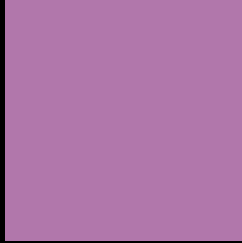
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.0790, 25.4810, 41.7557 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 32.0790, 25.4810, 41.7557

Background



This preview shows how black text looks on a background with the XYZ color 32.0790, 25.4810, 41.7557.



This preview shows how white text looks on a background with the XYZ color 32.0790, 25.4810,

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

32.0790, 25.4810, 41.7557

Protanopia

26.2016, 25.7876, 48.9439

Deuteranopia

26.1886, 25.7538, 40.6365



Tritanopia

28.9180, 25.4699, 26.6846

Trichromacy



Original Color

32.0790, 25.4810, 41.7557

Protanomaly

27.7964, 25.2397, 46.0545

Deuteranomaly

28.0930, 25.5052, 40.9785

Tritanomaly

29.9633, 25.3345, 31.7446

Monochromacy



Original Color

32.0790, 25.4810, 41.7557

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

27.7924, 26.3187, 33.7522

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.0790, 25.4810, 41.7557 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(177, 119, 171)` looks like.

```
.text, #text, p{  
    color:rgb(177, 119, 171)  
}
```

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(177, 119, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 119, 171) }
```

Border

The CSS property to change the border of an element to XYZ 32.0790, 25.4810, 41.7557 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(177, 119, 171) }
```


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

```
.border{ border-color:rgb(177, 119, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 119, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 119, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 119, 171);  
box-shadow:4px 4px 4px 4px rgb(177, 119,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 32.0790, 25.4810, 41.7557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 119, 171) }
```

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

```
.background{ background-color: rgb(177,  
119, 171) }
```

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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