

Converting Colors

XYZ(32.5232, 25.4552, 25.6577)

Have a look what the booklet for
XYZ(32.5232, 25.4552, 25.6577)
contains.

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Color

**XYZ(32.4261, 25.3202,
25.7325)**

Conversions

Conversions Part 1

Format	Color
Hex	C17386
RGB	193, 115, 134
RGB Percent	76%, 45%, 53%
CMY	0.2431, 0.5490, 0.4745
CMYK	0.00, 0.40, 0.31, 0.24
HSL	345°, 39%, 60%
HSV	345°, 40%, 76%
XYZ	32.4261, 25.3202, 25.7325
YIQ	140.4880, 40.3890, 22.4450

Conversions

Conversions Part 2

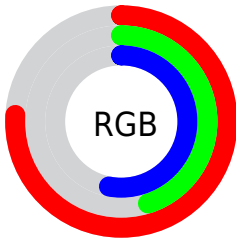
Format	Color
RYB	193, 115, 134
Decimal	12678022
CIELab	57.39, 33.05, 2.87
CIElCh	57, 33.178, 4.971
Yxy	25.3202, 0.3884, 0.3033
Android (android.graphics.Color)	4290868102 (0xFFC17386)
YUV	140.4880, -3.1986, 46.0530
Hunter-Lab	50.3192, 26.9683, 4.9034

Details

The XYZ color **32.4261, 25.3202, 25.7325** is a light color, and the websafe version is hex **996666**. A complement of this color would be **33.7813, 44.8413, 46.9216**, and the grayscale version is **25.1190, 26.4271, 28.7791**.

A 20% lighter version of the original color is **62.7559, 52.1023, 53.7629**, and **13.8465, 9.7548, 9.7474** is the 20% darker color. If you saturate the color by 10%, you get **29.5023, 20.9911, 20.0761**, and if you desaturate by 10%, it is **35.9526, 30.6294, 32.2839**.

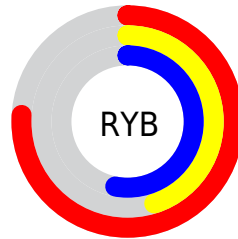
Distribution



Red (76%)

Green (45%)

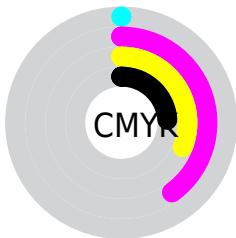
Blue (53%)



Red (76%)

Yellow (45%)

Blue (53%)

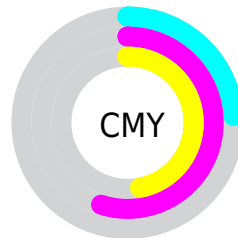


Cyan (0%)

Magenta (40%)

Yellow (31%)

Black (24%)



Cyan (24%)


Magenta (55%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.4261, 25.3202, 25.7325 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 32.4261, 25.3202, 25.7325 by changing the saturation by 10% instead.

 32.4261, 25.3202,
25.7325

 32.4261, 25.3202,
25.7325


304.7666,
279.4288, 295.0300


 21.8443, 16.3158,
16.3997


 62.8392, 52.1762,
53.8219

 13.8585, 9.7479,
9.6500


 83.4012, 70.7966,
73.4155

 8.1034, 5.2321,
5.0650


 108.0206, 93.3911,
97.2664

 4.2135, 2.3841,
2.2260

137.0628,
120.3440, 125.7932

 1.8236, 0.8177,
0.6893

170.8931,
152.0399, 159.4144

 0.5318, 0.0000,
0.0000

209.8770,

 0.0000, 0.0000,

188.8631, 198.5486

0.0000

254.3797,
231.1979, 243.6143

■ 32.4261, 25.3202,
25.7325

■ 32.4261, 25.3202,
25.7325

■ 29.5023, 20.9911,
20.0761

■ 35.9526, 30.6294,
32.2839

■ 27.1444, 17.5782,
15.2735

■ 40.1117, 36.9702,
39.7661

■ 25.3147, 15.0158,
11.2821


■ 44.9335, 44.3947,
48.2148


■ 23.9699, 13.2276,
8.0551


■ 50.4458, 52.9505,
57.6630


■ 23.0593, 12.1236,
5.5400


■ 56.6747, 62.6825,
68.1424

 22.5055, 11.5427,
3.7316

 63.6448, 73.6329,
79.6833

 71.3798, 85.8419,
92.3145

 75.1329, 89.8097,
104.4743

 75.8023, 90.0774,
107.9992

Harmonies

Analogous

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



31.6005, 25.3202, 37.8005



32.4261, 25.3202, 25.7325



30.8201, 25.3202, 16.9135

Triad

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



32.4261, 25.3202, 25.7325



19.9814, 25.3202, 13.3428



21.0023, 25.3202, 52.2593

Complementary

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



32.4261, 25.3202, 25.7325



33.7813, 44.8413, 46.9216

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.



18.3788, 25.3202, 41.9618



32.4261, 25.3202, 25.7325



17.8360, 25.3202, 19.3741

Square

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



32.4261, 25.3202, 25.7325



23.4158, 25.3202, 11.1160



17.2827, 25.3202, 29.4917



24.7283, 25.3202, 55.3112

Rectangle

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



32.4261, 25.3202, 25.7325



28.6797, 25.3202, 13.3505



17.2827, 25.3202, 29.4917



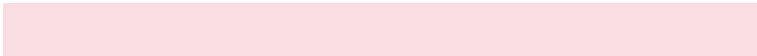
19.9759, 25.3202, 49.4148

Sweetspot

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



32.4268, 25.3214, 25.7330



78.8535, 77.0037, 83.5362



33.1017, 25.0545, 53.5434



16.6645, 16.1307, 17.4821



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



32.4268, 25.3214, 25.7330



53.6363, 38.7658, 37.5302



33.6821, 29.7653, 20.1914



10.1715, 10.1172, 10.9939



14.9958, 7.6881, 2.6240



0.6762, 0.3435, 0.2625

Inverse Universe

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



32.4268, 25.3214, 25.7330



53.6363, 38.7658, 37.5302



31.7365, 37.5752, 56.0321



10.1715, 10.1172, 10.9939



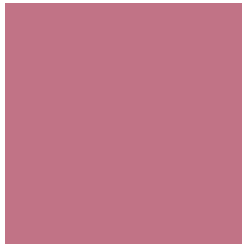
14.9958, 7.6881, 2.6240



0.6762, 0.3435, 0.2625

Previews

White Background



This preview shows how the XYZ color 32.4261, 25.3202, 25.7325 looks on a white background.

Color Contrast Check

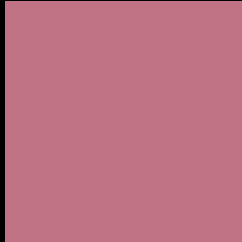
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.4261, 25.3202, 25.7325 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

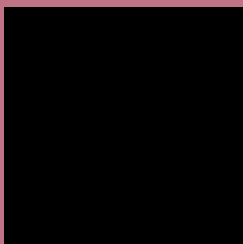
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.4261, 25.3202, 25.7325

Background



This preview shows how black text looks on a background with the XYZ color 32.4261, 25.3202, 25.7325.



This preview shows how white text looks on a background with the XYZ color 32.4261, 25.3202,

25.7325.

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

32.4261, 25.3202, 25.7325

Protanopia

24.6934, 25.4012, 31.2052

Deuteranopia

25.9483, 25.5589, 25.0385



Tritanopia

31.8012, 25.4097, 22.6305

Trichromacy



Original Color

32.4261, 25.3202, 25.7325

Protanomaly

26.8333, 24.9226, 28.9875

Deuteranomaly

27.9027, 25.1695, 25.2174

Tritanomaly

31.8799, 25.2558, 23.6167

Monochromacy



Original Color

32.4261, 25.3202, 25.7325

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

27.0018, 25.4385, 27.5317

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.4261, 25.3202, 25.7325 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(193, 115, 134)` looks like.

```
.text, #text, p{  
    color:rgb(193, 115, 134)  
}
```

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(193, 115, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 115, 134) }
```

Border

The CSS property to change the border of an element to XYZ 32.4261, 25.3202, 25.7325 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(193, 115, 134) }
```


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

```
.border{ border-color:rgb(193, 115, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 115, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 115, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 115, 134);  
box-shadow:4px 4px 4px 4px rgb(193, 115,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 32.4261, 25.3202, 25.7325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 115, 134) }
```

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

```
.background{ background-color: rgb(193,  
115, 134) }
```

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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