

Converting Colors

XYZ(32.0386, 29.5890, 42.5507)

Have a look what the booklet for
XYZ(32.0386, 29.5890, 42.5507)
contains.

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Color

**XYZ(32.0386, 29.5890,
42.5507)**

Conversions

Conversions Part 1

Format	Color
Hex	A48CAB
RGB	164, 140, 171
RGB Percent	64%, 55%, 67%
CMY	0.3569, 0.4510, 0.3294
CMYK	0.04, 0.18, 0.00, 0.33
HSL	286°, 16%, 61%
HSV	286°, 18%, 67%
XYZ	32.0386, 29.5890, 42.5507
YIQ	150.7100, 4.3530, 14.7290

Conversions

Conversions Part 2

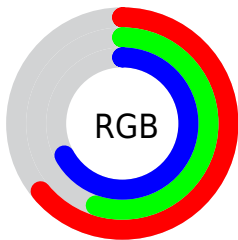
Format	Color
RYB	164, 140, 171
Decimal	10783915
CIELab	61.30, 14.79, -12.95
CIELCh	61, 19.661, 318.804
Yxy	29.5890, 0.3075, 0.2840
Android (android.graphics.Color)	4288973995 (0xFFA48CAB)
YUV	150.7100, 10.0030, 11.6553
Hunter-Lab	54.3958, 9.9422, -8.3021

Details

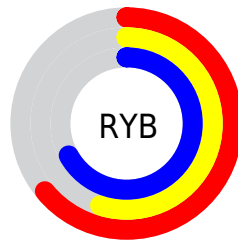
The XYZ color **32.0386, 29.5890, 42.5507** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **31.3303, 37.2231, 30.3460**, and the grayscale version is **29.2496, 30.7729, 33.5117**.

A 20% lighter version of the original color is **62.2327, 59.1346, 80.0856**, and **13.6680, 12.0890, 19.0658** is the 20% darker color. If you saturate the color by 10%, you get **28.9469, 24.5704, 41.7454**, and if you desaturate by 10%, it is **35.5446, 35.3993, 43.4879**.

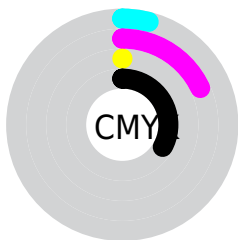
Distribution



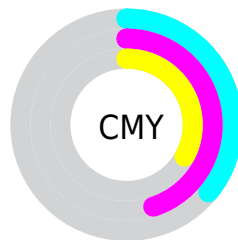
- Red (64%)
- Green (55%)
- Blue (67%)



- Red (64%)
- Yellow (55%)
- Blue (67%)



- Cyan (4%)
- Magenta (18%)
- Yellow (0%)
- Black (33%)



- Cyan (36%)
- Magenta (45%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.0386, 29.5890, 42.5507 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 32.0386, 29.5890, 42.5507 by changing the saturation by 10% instead.

■ 32.0386, 29.5890,
42.5507

■ 32.0386, 29.5890,
42.5507

303.0372,
299.9840, 372.6275

■ 21.5467, 19.5268,
29.2040

■ 62.2364, 59.0116,
80.3115

■ 13.6389, 12.0516,
18.9883

■ 82.6729, 79.1408,
105.5626

■ 7.9500, 6.7788,
11.4851

■ 107.1551,
103.3945, 135.6189

■ 4.1145, 3.3242,
6.2758

136.0482,
132.1571, 170.8990

■ 1.7671, 1.3032,
2.9420

169.7176,
165.8129, 211.8213

■ 0.4977, 0.1437,
1.0651

208.5287,

■ 0.0000, 0.0000,

204.7464, 258.8045

0.0000

252.8468,
249.3420, 312.2671

■ 32.0386, 29.5890,
42.5507

■ 32.0386, 29.5890,
42.5507

■ 28.9469, 24.5704,
41.7454

■ 35.5446, 35.3993,
43.4879

■ 26.2487, 20.3037,
41.0641

■ 39.4791, 42.0309,
44.5605

■ 23.9255, 16.7515,
40.5009

■ 43.8590, 49.5167,
45.7746

■ 21.9559, 13.8717,
40.0488

■ 48.6994, 57.8866,
47.1350

■ 20.3165, 11.6177,
39.7001

■ 54.0146, 67.1691,
48.6466

■ 18.9808, 9.9366,
39.4461

■ 59.8184, 77.3914,
50.3138

■ 17.9179, 8.7672,
39.2764

■ 64.6047, 85.5409,
51.6345

■ 17.0755, 8.0052,
39.1737

■ 65.5890, 86.0483,
51.6806

■ 16.9268, 7.8769,
39.1568

■ 66.5991, 86.5690,
51.7279

Harmonies

Analogous

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



29.7590, 29.5890, 47.6878



32.0386, 29.5890, 42.5507



33.2956, 29.5890, 35.0659

Triad

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



32.0386, 29.5890, 42.5507



29.1012, 29.5890, 20.1566



23.6688, 29.5890, 37.0356

Complementary

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



32.0386, 29.5890, 42.5507



31.3303, 37.2231, 30.3460

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.



23.5167, 29.5890, 29.5275



32.0386, 29.5890, 42.5507



26.5489, 29.5890, 20.5170

Square

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



32.0386, 29.5890, 42.5507



31.5317, 29.5890, 22.6351



24.5410, 29.5890, 23.7091



24.9701, 29.5890, 44.1817

Rectangle

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



32.0386, 29.5890, 42.5507



33.3360, 29.5890, 30.0838



24.5410, 29.5890, 23.7091



23.4847, 29.5890, 34.4495

Sweetspot

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



32.0395, 29.5903, 42.5513



65.7161, 66.8477, 78.4412



28.6372, 29.4572, 42.7050



14.5505, 14.7318, 17.4643



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



32.0395, 29.5903, 42.5513



54.9313, 48.9930, 75.5633



32.7606, 30.0502, 38.5996



8.1575, 8.0555, 10.0776



12.8071, 5.9622, 29.5203



0.3993, 0.1880, 0.8232

Inverse Universe

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



31.4402, 29.5221, 31.6466



53.6886, 48.8730, 51.9867



30.7457, 36.8486, 33.6211



8.0766, 8.0439, 8.7140



12.9490, 6.6422, 2.1111



0.3806, 0.1929, 0.1660

Previews

White Background



This preview shows how the XYZ color 32.0386, 29.5890, 42.5507 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 32.0386, 29.5890, 42.5507 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 32.0386, 29.5890, 42.5507

Background



This preview shows how black text looks on a background with the XYZ color 32.0386, 29.5890, 42.5507.



This preview shows how white text looks on a background with the XYZ color 32.0386, 29.5890,

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

32.0386, 29.5890, 42.5507

Protanopia

29.4255, 29.7528, 45.2663

Deuteranopia

30.1779, 29.5242, 42.1384



Tritanopia

30.3531, 29.5551, 34.6768

Trichromacy



Original Color

32.0386, 29.5890, 42.5507

Protanomaly

30.1909, 29.4865, 44.1446

Deuteranomaly

30.7885, 29.6151, 42.1238

Tritanomaly

30.9185, 29.5654, 37.3348

Monochromacy



Original Color

32.0386, 29.5890, 42.5507

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

30.3156, 30.4040, 36.6185

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.0386, 29.5890, 42.5507 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(164, 140, 171)` looks like.

```
.text, #text, p{  
    color:rgb(164, 140, 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(164, 140, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 140, 171) }
```

Border

The CSS property to change the border of an element to XYZ 32.0386, 29.5890, 42.5507 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(164, 140, 171) }
```


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

```
.border{ border-color:rgb(164, 140, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 140, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 140, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 140, 171);  
box-shadow:4px 4px 4px 4px rgb(164, 140,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 32.0386, 29.5890, 42.5507 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 140, 171) }
```

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

```
.background{ background-color: rgb(164,  
140, 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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