

Converting Colors

XYZ(32.4507, 31.0598, 50.6430)

Have a look what the booklet for
XYZ(32.4507, 31.0598, 50.6430)
contains.

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Color

**XYZ(32.4682, 30.9730,
50.7215)**

Conversions

Conversions Part 1

Format	Color
Hex	9A92BA
RGB	154, 146, 186
RGB Percent	60%, 57%, 73%
CMY	0.3961, 0.4274, 0.2706
CMYK	0.17, 0.22, 0.00, 0.27
HSL	252°, 22%, 65%
HSV	252°, 22%, 73%
XYZ	32.4682, 30.9730, 50.7215
YIQ	152.9520, -8.0720, 14.1360

Conversions

Conversions Part 2

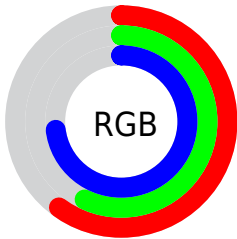
Format	Color
RYB	154, 146, 186
Decimal	10130106
CIELab	62.48, 11.23, -19.72
CIELCh	62, 22.692, 299.653
Yxy	30.9730, 0.2844, 0.2713
Android (android.graphics.Color)	4288320186 (0xFF9A92BA)
YUV	152.9520, 16.2927, 0.9191
Hunter-Lab	55.6534, 6.7435, -15.0785

Details

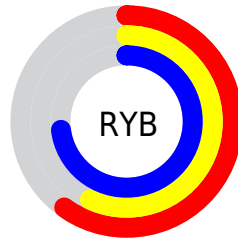
The XYZ color **32.4682, 30.9730, 50.7215** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **41.1085, 46.6590, 34.0350**, and the grayscale version is **30.1921, 31.7644, 34.5915**.

A 20% lighter version of the original color is **62.9758, 61.2747, 92.5124**, and **13.8960, 12.8840, 23.9448** is the 20% darker color. If you saturate the color by 10%, you get **27.1722, 24.3278, 49.7185**, and if you desaturate by 10%, it is **38.5837, 38.7347, 51.8978**.

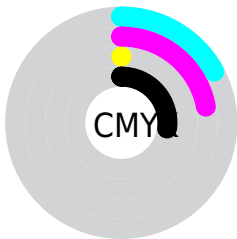
Distribution



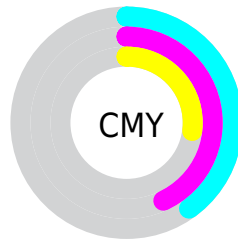
- Red (60%)
- Green (57%)
- Blue (73%)



- Red (60%)
- Yellow (57%)
- Blue (73%)



- Cyan (17%)
- Magenta (22%)
- Yellow (0%)
- Black (27%)



- Cyan (40%)
- Magenta (43%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.4682, 30.9730, 50.7215 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 32.4682, 30.9730, 50.7215 by changing the saturation by 10% instead.

■ 32.4682, 30.9730,
50.7215

■ 32.4682, 30.9730,
50.7215

304.9541,
306.4139, 406.2964

■ 21.8766, 20.5783,
35.6118

■ 62.9046, 61.1976,
92.6503

■ 13.8824, 12.8161,
23.8472

■ 83.4802, 81.7962,
120.3064

■ 8.1201, 7.3020,
15.0092

108.1145,
106.5649, 152.9818

■ 4.2243, 3.6517,
8.6791

137.1728,
135.8882, 191.0950

■ 1.8298, 1.4807,
4.4386

171.0206,
170.1503, 235.0645

■ 0.5355, 0.2751,
1.8689

210.0232,

■ 0.0000, 0.0000,

209.7357, 285.3089

0.4728

254.5459,
255.0288, 342.2467

■ 0.0000, 0.0000,
0.0000

■ 32.4682, 30.9730,
50.7215

■ 32.4682, 30.9730,
50.7215

■ 27.1722, 24.3278,
49.7185

■ 38.5837, 38.7347,
51.8978

■ 22.6576, 18.7436,
48.8786

■ 45.5490, 47.6574,
53.2530

■ 18.8873, 14.1659,
48.1937

■ 53.3964, 57.7878,
54.7947

■ 15.8201, 10.5339,
47.6543

■ 62.1554, 69.1687,
56.5298

■ 13.4106, 7.7797,
47.2497

■ 71.8545, 81.8410,
58.4646

■ 11.6079, 5.8266,
46.9677

■ 81.6841, 94.1709,
60.3265

■ 10.3527, 4.5839,
46.7940

■ 85.8630, 96.3252,
60.5220

■ 9.6329, 3.9421,
46.7081

Harmonies

Analogous

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



29.4031, 30.9730, 53.6941



32.4682, 30.9730, 50.7215



34.8529, 30.9730, 43.0428

Triad

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



32.4682, 30.9730, 50.7215



32.5345, 30.9730, 21.0995



23.9034, 30.9730, 33.6218

Complementary

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



32.4682, 30.9730, 50.7215



41.1085, 46.6590, 34.0350

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.



24.6168, 30.9730, 25.8583



32.4682, 30.9730, 50.7215



29.4748, 30.9730, 19.4445

Square

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



32.4682, 30.9730, 50.7215



34.8931, 30.9730, 26.0075



26.6042, 30.9730, 21.0245



24.5850, 30.9730, 42.8340

Rectangle

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



32.4682, 30.9730, 50.7215



35.6597, 30.9730, 36.8642



26.6042, 30.9730, 21.0245



23.9873, 30.9730, 30.7680

Sweetspot

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



32.4692, 30.9743, 50.7222



76.5626, 78.6820, 95.3533



36.7714, 41.7638, 52.5780



16.6782, 17.0938, 20.9630



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



32.4692, 30.9743, 50.7222



53.9405, 49.9605, 91.0018



36.4502, 33.0266, 50.9085



8.6844, 8.8036, 11.3210



6.5309, 2.6780, 31.4258



0.2804, 0.1203, 1.1102

Inverse Universe

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



38.5656, 34.2126, 46.6921



67.1117, 56.9619, 82.0671



36.9803, 44.5308, 33.8419



9.3019, 9.1311, 10.9371



17.2898, 8.4897, 19.9445



0.6294, 0.3072, 0.8077

Previews

White Background



This preview shows how the XYZ color 32.4682, 30.9730, 50.7215 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 32.4682, 30.9730, 50.7215 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 ✓ Pass

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

XYZ 32.4682, 30.9730, 50.7215

Background



This preview shows how black text looks on a background with the XYZ color 32.4682, 30.9730, 50.7215.



This preview shows how white text looks on a background with the XYZ color 32.4682, 30.9730,

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

32.4682, 30.9730, 50.7215

Protanopia

31.1388, 31.1943, 51.9569

Deuteranopia

31.6656, 31.0209, 50.7730



Tritanopia

30.0056, 30.9054, 38.5663

Trichromacy



Original Color

32.4682, 30.9730, 50.7215

Protanomaly

31.5711, 31.1937, 51.3707

Deuteranomaly

31.8743, 30.8966, 50.7381

Tritanomaly

30.8606, 31.0145, 42.8879

Monochromacy



Original Color

32.4682, 30.9730, 50.7215

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

30.8347, 31.3016, 40.0140

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.4682, 30.9730, 50.7215 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(154, 146, 186)` looks like.

```
.text, #text, p{  
    color:rgb(154, 146, 186)  
}
```

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(154, 146, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 146, 186) }
```

Border

The CSS property to change the border of an element to XYZ 32.4682, 30.9730, 50.7215 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(154, 146, 186) }
```


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

```
.border{ border-color:rgb(154, 146, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 146, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 146, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 146, 186);  
box-shadow:4px 4px 4px 4px rgb(154, 146,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 32.4682, 30.9730, 50.7215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 146, 186) }
```

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

```
.background{ background-color: rgb(154,  
146, 186) }
```

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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