

Converting Colors

XYZ(32.7054, 32.6377, 62.9322)

Have a look what the booklet for
XYZ(32.7054, 32.6377, 62.9322)
contains.

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Color

**XYZ(32.8495, 32.8017,
62.9925)**

Conversions

Conversions Part 1

Format	Color
Hex	889ACE
RGB	136, 154, 206
RGB Percent	53%, 60%, 81%
CMY	0.4667, 0.3961, 0.1922
CMYK	0.34, 0.25, 0.00, 0.19
HSL	225°, 42%, 67%
HSV	225°, 34%, 81%
XYZ	32.8495, 32.8017, 62.9925
YIQ	154.5460, -27.4200, 12.3560

Conversions

Conversions Part 2

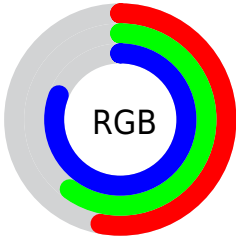
Format	Color
R_{YB}	136, 150, 206
Decimal	8952526
CIE _{Lab}	64.00, 6.06, -28.72
CIE _{LCh}	64, 29.351, 281.913
Yxy	32.8017, 0.2554, 0.2550
Android (android.graphics.Color)	4287142606 (0xFF889ACE)
YUV	154.5460, 25.3668, -16.2648
Hunter-Lab	57.2728, 2.1535, -25.1203

Details

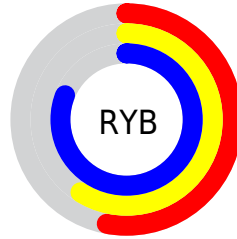
The XYZ color **32.8495, 32.8017, 62.9925** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **47.8813, 50.8663, 30.5882**, and the grayscale version is **30.8566, 32.4635, 35.3527**.

A 20% lighter version of the original color is **62.0917, 63.4081, 103.5741**, and **14.0850, 13.8065, 31.6283** is the 20% darker color. If you saturate the color by 10%, you get **27.4533, 26.5071, 62.0625**, and if you desaturate by 10%, it is **39.2129, 40.0743, 64.0615**.

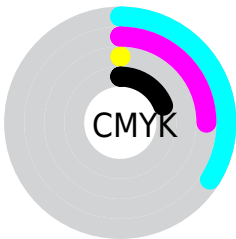
Distribution



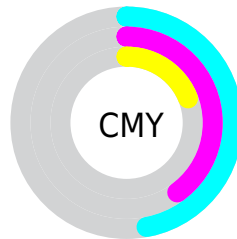
- Red (53%)
- Green (60%)
- Blue (81%)



- Red (53%)
- Yellow (59%)
- Blue (81%)



- Cyan (34%)
- Magenta (25%)
- Yellow (0%)
- Black (19%)



- Cyan (47%)
- Magenta (40%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.8495, 32.8017, 62.9925 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 32.8495, 32.8017, 62.9925 by changing the saturation by 10% instead.

■ 32.8495, 32.8017,
62.9925

■ 32.8495, 32.8017,
62.9925

306.6480,
314.7552, 453.6495

■ 22.1699, 21.9746,
45.3942

■ 63.4967, 64.0658,
110.7442

■ 14.0991, 13.8382,
31.4228

■ 84.1951, 85.2716,
141.7346

■ 8.2718, 8.0082,
20.6599

■ 108.9636,
110.7057, 178.0261

■ 4.3226, 4.1002,
12.6868

138.1678,
140.7526, 220.0373

■ 1.8862, 1.7298,
7.0850

172.1730,
175.7965, 268.1867

■ 0.5688, 0.4428,
3.4361

211.3446,

■ 0.0000, 0.0000,

216.2221, 322.8928

1.3214

256.0478,
262.4135, 384.5742

■ 0.0000, 0.0000,
0.0792

■ 0.0000, 0.0000,
0.0000

■ 32.8495, 32.8017,
62.9925

■ 32.8495, 32.8017,
62.9925

■ 27.4533, 26.5071,
62.0625

■ 39.2129, 40.0743,
64.0615

■ 22.9719, 21.1434,
61.2634

■ 46.5856, 48.3616,
65.2725

■ 19.3529, 16.6653,
60.5898

■ 55.0112, 57.7027,
66.6314

■ 16.5369, 13.0219,
60.0350

■ 64.5298, 68.1338,
68.1431

■ 14.4562, 10.1562,
59.5915

■ 75.1792, 79.6892,
69.8123

■ 13.0308, 8.0030,
59.2510

■ 85.2815, 91.5179,
71.5630

■ 12.4126, 7.0001,
59.0900

■ 88.1407, 97.2363,
72.5160

Harmonies

Analogous

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



28.7701, 32.8017, 62.0692



32.8495, 32.8017, 62.9925



36.8033, 32.8017, 55.5114

Triad

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



32.8495, 32.8017, 62.9925



37.4847, 32.8017, 22.5471



24.2050, 32.8017, 29.0942

Complementary

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



32.8495, 32.8017, 62.9925



47.8813, 50.8663, 30.5882

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.



26.1555, 32.8017, 21.2933



32.8495, 32.8017, 62.9925



33.7146, 32.8017, 18.1302

Square

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



32.8495, 32.8017, 62.9925



39.6336, 32.8017, 31.2126



29.5623, 32.8017, 17.7288



24.0180, 32.8017, 40.6319

Rectangle

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



32.8495, 32.8017, 62.9925



38.7414, 32.8017, 47.5616



29.5623, 32.8017, 17.7288



24.6676, 32.8017, 26.0203

Sweetspot

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



32.8506, 32.8030, 62.9933



80.5349, 83.9844, 106.5737



41.2309, 52.9797, 55.2548



16.8319, 17.5251, 22.7455



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



32.8506, 32.8030, 62.9933



46.4991, 45.3237, 100.9053



32.9571, 28.7732, 62.2098



10.8324, 11.3052, 14.1816



7.7103, 4.4445, 36.4078



0.4607, 0.3551, 1.8992

Inverse Universe

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



40.0914, 33.0643, 34.8422



60.1876, 46.4043, 47.5551



47.6680, 56.8251, 31.7496



11.3288, 11.2602, 12.2658



16.1027, 8.2517, 2.9934



0.8625, 0.4384, 0.3216

Previews

White Background



This preview shows how the XYZ color 32.8495, 32.8017, 62.9925 looks on a white background.

Color Contrast Check

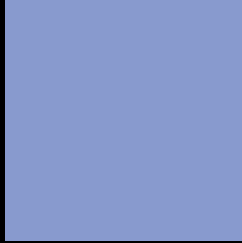
Large Text (above 18pt) WCAG AA × Fail

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 32.8495, 32.8017, 62.9925 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

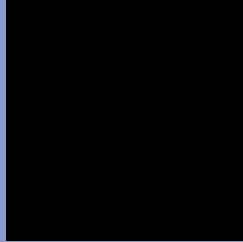
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.8495, 32.8017, 62.9925

Background



This preview shows how black text looks on a background with the XYZ color 32.8495, 32.8017, 62.9925.



This preview shows how white text looks on a background with the XYZ color 32.8495, 32.8017,

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

32.8495, 32.8017, 62.9925

Protanopia

33.2259, 32.7657, 62.3308

Deuteranopia

33.3533, 32.5754, 62.9223



Tritanopia

29.0157, 32.7479, 44.3269

Trichromacy



Original Color

32.8495, 32.8017, 62.9925

Protanomaly

33.0581, 32.6792, 62.3230

Deuteranomaly

33.1793, 32.7277, 62.9609

Tritanomaly

30.3439, 32.7818, 50.6272

Monochromacy



Original Color

32.8495, 32.8017, 62.9925

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

31.5741, 32.7946, 44.7103

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.8495, 32.8017, 62.9925 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(136, 154, 206)` looks like.

```
.text, #text, p{  
    color:rgb(136, 154, 206)  
}
```

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(136, 154, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 154, 206) }
```

Border

The CSS property to change the border of an element to XYZ 32.8495, 32.8017, 62.9925 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(136, 154, 206) }
```


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

```
.border{ border-color:rgb(136, 154, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 154, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 154, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 154, 206);  
box-shadow:4px 4px 4px 4px rgb(136, 154,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 32.8495, 32.8017, 62.9925 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 154, 206) }
```

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

```
.background{ background-color: rgb(136,  
154, 206) }
```

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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