

Converting Colors

XYZ(32.7856, 32.8617, 59.4227)

Have a look what the booklet for
XYZ(32.7856, 32.8617, 59.4227)
contains.

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Color

**XYZ(32.7961, 32.8568,
59.2570)**

Conversions

Conversions Part 1

Format	Color
Hex	8C9AC8
RGB	140, 154, 200
RGB Percent	55%, 60%, 78%
CMY	0.4510, 0.3961, 0.2157
CMYK	0.30, 0.23, 0.00, 0.22
HSL	226°, 35%, 67%
HSV	226°, 30%, 78%
XYZ	32.7961, 32.8568, 59.2570
YIQ	155.0580, -23.1100, 11.3380

Conversions

Conversions Part 2

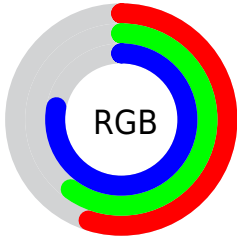
Format	Color
RYB	140, 151, 200
Decimal	9214664
CIELab	64.04, 5.68, -25.28
CIElCh	64, 25.910, 282.654
Yxy	32.8568, 0.2626, 0.2630
Android (android.graphics.Color)	4287404744 (0xFF8C9AC8)
YUV	155.0580, 22.1564, -13.2059
Hunter-Lab	57.3209, 1.8172, -21.1681

Details

The XYZ color **32.7961, 32.8568, 59.2570** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **46.1124, 49.2908, 31.8955**, and the grayscale version is **31.0946, 32.7139, 35.6255**.

A 20% lighter version of the original color is **63.1116, 63.9339, 103.6219**, and **14.0631, 13.8505, 29.1263** is the 20% darker color. If you saturate the color by 10%, you get **27.3564, 26.5333, 58.3237**, and if you desaturate by 10%, it is **39.1737, 40.1452, 60.3282**.

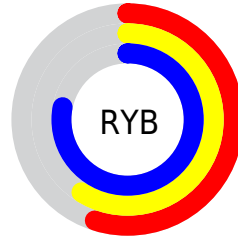
Distribution



Red (55%)

Green (60%)

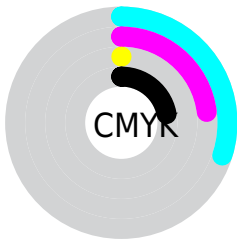
Blue (78%)



Red (55%)

Yellow (59%)

Blue (78%)

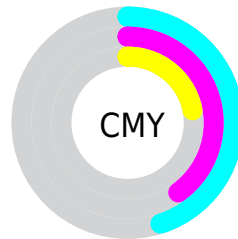


Cyan (30%)

Magenta (23%)

Yellow (0%)

Black (22%)



Cyan (45%)

Magenta (40%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.7961, 32.8568, 59.2570 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 32.7961, 32.8568, 59.2570 by changing the saturation by 10% instead.

■ 32.7961, 32.8568,
59.2570

■ 32.7961, 32.8568,
59.2570

306.4112,
315.0040, 439.5820

■ 22.1288, 22.0168,
42.3987

■ 63.4139, 64.1519,
105.2839

■ 14.0687, 13.8692,
29.0857

■ 84.0950, 85.3757,
135.2895

■ 8.2505, 8.0298,
18.8995

■ 108.8448,
110.8297, 170.5147

■ 4.3088, 4.1140,
11.4216

138.0287,
140.8980, 211.3779

■ 1.8783, 1.7375,
6.2334

172.0119,
175.9653, 258.2977

■ 0.5642, 0.4478,
2.9165

211.1598,

■ 0.0000, 0.0000,

216.4157, 311.6926

1.0521

255.8378,
262.6338, 371.9812

■ 0.0000, 0.0000,
0.0000

■ 32.7961, 32.8568,
59.2570

■ 32.7961, 32.8568,
59.2570

■ 27.3564, 26.5333,
58.3237

■ 39.1737, 40.1452,
60.3282

■ 22.8061, 21.1294,
57.5205

■ 46.5282, 48.4335,
61.5404

■ 19.0969, 16.6018,
56.8421

■ 54.9003, 57.7595,
62.8992

■ 16.1746, 12.9020,
56.2820

■ 64.3273, 68.1580,
64.4095

■ 13.9782, 9.9765,
55.8330

■ 74.8447, 79.6622,
66.0757

■ 12.4369, 7.7647,
55.4874

■ 84.6216, 91.3424,
67.8149

■ 11.4289, 6.1771,
55.2340

■ 87.4254, 96.9502,
68.7496

■ 11.4288, 6.1770,
55.2340

Harmonies

Analogous

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



29.1783, 32.8568, 58.6612



32.7961, 32.8568, 59.2570



36.2432, 32.8568, 52.7352

Triad

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



32.7961, 32.8568, 59.2570



36.6949, 32.8568, 23.7859



24.9836, 32.8568, 30.0979

Complementary

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



32.7961, 32.8568, 59.2570



46.1124, 49.2908, 31.8955

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.



26.7007, 32.8568, 22.9082



32.7961, 32.8568, 59.2570



33.3744, 32.8568, 19.7830

Square

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



32.7961, 32.8568, 59.2570



38.6095, 32.8568, 31.5406



29.7134, 32.8568, 19.4967



24.8553, 32.8568, 40.3734

Rectangle

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



32.7961, 32.8568, 59.2570



37.9049, 32.8568, 45.8528



29.7134, 32.8568, 19.4967



25.3876, 32.8568, 27.2947

Sweetspot

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



32.7972, 32.8581, 59.2578



81.7467, 85.1876, 106.7421



40.2272, 50.3874, 53.5052



17.0667, 17.7516, 22.7768



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.



32.7972, 32.8581, 59.2578



50.4652, 49.5676, 101.5154



33.3218, 29.8958, 58.6583



10.2542, 10.6825, 13.4390



7.3246, 4.0431, 35.1387



0.4043, 0.3064, 1.6830

Inverse Universe

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



39.0311, 33.3695, 34.9571



63.0898, 51.0123, 52.2111



45.3962, 53.5169, 32.7490



10.7336, 10.6768, 11.5804



15.4964, 7.9481, 2.5582



0.7628, 0.3879, 0.2739

Previews

White Background



This preview shows how the XYZ color 32.7961, 32.8568, 59.2570 looks on a white background.

Color Contrast Check

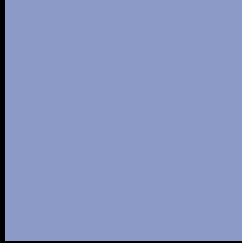
Large Text (above 18pt) WCAG AA × Fail

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 32.7961, 32.8568, 59.2570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

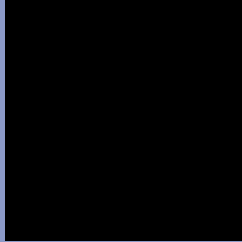
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.7961, 32.8568, 59.2570

Background



This preview shows how black text looks on a background with the XYZ color 32.7961, 32.8568, 59.2570.



This preview shows how white text looks on a background with the XYZ color 32.7961, 32.8568,

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

32.7961, 32.8568, 59.2570

Protanopia

33.0277, 32.7456, 58.6126

Deuteranopia

33.5076, 32.7376, 59.1965



Tritanopia

29.6760, 32.8432, 43.8050

Trichromacy



Original Color

32.7961, 32.8568, 59.2570

Protanomaly

32.8554, 32.6568, 58.6046

Deuteranomaly

33.3182, 32.8819, 59.2344

Tritanomaly

30.6538, 32.7256, 48.9570

Monochromacy



Original Color

32.7961, 32.8568, 59.2570

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

31.6497, 32.8670, 43.2039

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.7961, 32.8568, 59.2570 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(140, 154, 200)` looks like.

```
.text, #text, p{  
    color:rgb(140, 154, 200)  
}
```

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(140, 154, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 154, 200) }
```

Border

The CSS property to change the border of an element to XYZ 32.7961, 32.8568, 59.2570 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(140, 154, 200) }
```


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

```
.border{ border-color:rgb(140, 154, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 154, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 154, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 154, 200);  
box-shadow:4px 4px 4px 4px rgb(140, 154,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 32.7961, 32.8568, 59.2570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 154, 200) }
```

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

```
.background{ background-color: rgb(140,  
154, 200) }
```

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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