

Converting Colors

XYZ(32.9657, 30.0725, 55.8988)

Have a look what the booklet for
XYZ(32.9657, 30.0725, 55.8988)
contains.

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Color

**XYZ(32.8928, 29.9584,
55.6787)**

Conversions

Conversions Part 1

Format	Color
Hex	9B8DC3
RGB	155, 141, 195
RGB Percent	61%, 55%, 76%
CMY	0.3921, 0.4470, 0.2353
CMYK	0.21, 0.28, 0.00, 0.24
HSL	256°, 31%, 66%
HSV	256°, 28%, 76%
XYZ	32.8928, 29.9584, 55.6787
YIQ	151.3420, -8.9900, 19.7620

Conversions

Conversions Part 2

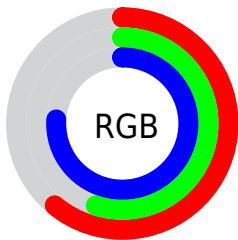
Format	Color
R _Y B	155, 141, 195
Decimal	10194371
CIE _{Lab}	61.62, 16.48, -26.11
CIE _{LCh}	62, 30.874, 302.259
Y _{xy}	29.9584, 0.2775, 0.2527
Android (android.graphics.Color)	4288384451 (0xFF9B8DC3)
YUV	151.3420, 21.5234, 3.2081
Hunter-Lab	54.7343, 11.4854, -21.9991

Details

The XYZ color **32.8928, 29.9584, 55.6787** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **43.3796, 50.7777, 32.7152**, and the grayscale version is **29.4761, 31.0111, 33.7711**.

A 20% lighter version of the original color is **63.6641, 59.7601, 100.2749**, and **14.1423, 12.2888, 26.8259** is the 20% darker color. If you saturate the color by 10%, you get **27.6586, 23.3615, 54.6817**, and if you desaturate by 10%, it is **38.9669, 37.7411, 56.8613**.

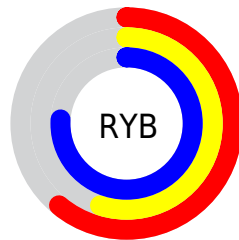
Distribution



Red (61%)

Green (55%)

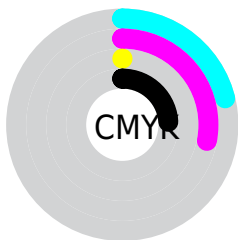
Blue (76%)



Red (61%)

Yellow (55%)

Blue (76%)

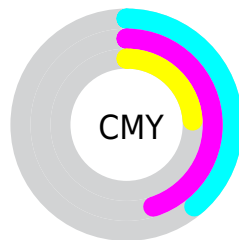


Cyan (21%)

Magenta (28%)

Yellow (0%)

Black (24%)



Cyan (39%)

Magenta (45%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.8928, 29.9584, 55.6787 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 32.8928, 29.9584, 55.6787 by changing the saturation by 10% instead.

■ 32.8928, 29.9584,
55.6787

■ 32.8928, 29.9584,
55.6787

306.8399,
301.7105, 425.8338

■ 22.2032, 19.8070,
39.5431

■ 63.5639, 59.5964,
100.0157

■ 14.1237, 12.2548,
26.8714

■ 84.2761, 79.8518,
129.0543

■ 8.2890, 6.9175,
17.2451

■ 109.0599,
104.2440, 163.2309

■ 4.3338, 3.4105,
10.2456

138.2806,
133.1573, 202.9641

■ 1.8927, 1.3496,
5.4544

172.3037,
166.9763, 248.6724

■ 0.5726, 0.1792,
2.4529

211.4943,

■ 0.0000, 0.0000,

206.0852, 300.7745

0.8150

256.2179,
250.8685, 359.6887

■ 0.0000, 0.0000,
0.0000

■ 32.8928, 29.9584,
55.6787

■ 32.8928, 29.9584,
55.6787

■ 27.6586, 23.3615,
54.6817

■ 38.9669, 37.7411,
56.8613

■ 23.2230, 17.8877,
53.8590

■ 45.9135, 46.7609,
58.2361

■ 19.5458, 13.4739,
53.2008

■ 53.7672, 57.0705,
59.8122

■ 16.5818, 10.0492,
52.6960

■ 62.5598, 68.7183,
61.5970

■ 14.2806, 7.5337,
52.3318

■ 72.3213, 81.7503,
63.5979

■ 12.5845, 5.8346,
52.0932

■ 82.1150, 94.2790,
65.5000

■ 11.4148, 4.8192,
51.9589

■ 86.8504, 96.7202,
65.7216

■ 11.1934, 4.6325,
51.9345

Harmonies

Analogous

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



28.7864, 29.9584, 60.7791



32.8928, 29.9584, 55.6787



36.0370, 29.9584, 44.2977

Triad

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



32.8928, 29.9584, 55.6787



32.3039, 29.9584, 16.4402



21.3015, 29.9584, 33.5175

Complementary

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



32.8928, 29.9584, 55.6787



43.3796, 50.7777, 32.7152

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.



22.0518, 29.9584, 23.1987



32.8928, 29.9584, 55.6787



28.1650, 29.9584, 14.8612

Square

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



32.8928, 29.9584, 55.6787



35.6747, 29.9584, 21.9923



24.4708, 29.9584, 17.0101



22.3149, 29.9584, 46.2146

Rectangle

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



32.8928, 29.9584, 55.6787



37.0220, 29.9584, 35.7562



24.4708, 29.9584, 17.0101



21.3557, 29.9584, 29.6720

Sweetspot

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



32.8938, 29.9596, 55.6794



81.6592, 83.0022, 104.1869



37.4615, 42.8552, 57.9277



17.4445, 17.6053, 22.7287



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.



32.8938, 29.9596, 55.6794



53.2769, 46.5281, 98.6426



38.5496, 32.8753, 55.9441



9.7677, 9.8714, 12.6754



7.3428, 3.0458, 33.7575



0.3842, 0.1661, 1.4617

Inverse Universe

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



40.3719, 33.9891, 48.1496



68.9252, 54.9693, 82.4688



37.7455, 47.8732, 32.4515



10.3822, 10.2015, 12.1030



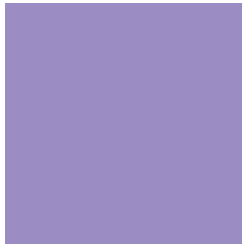
17.9573, 8.8727, 18.2189



0.8027, 0.3941, 0.9285

Previews

White Background



This preview shows how the XYZ color 32.8928, 29.9584, 55.6787 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 32.8928, 29.9584, 55.6787 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

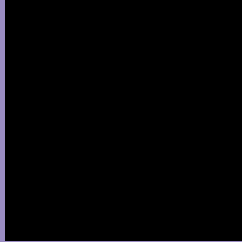
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.8928, 29.9584, 55.6787

Background



This preview shows how black text looks on a background with the XYZ color 32.8928, 29.9584, 55.6787.



This preview shows how white text looks on a background with the XYZ color 32.8928, 29.9584,

55.6787.

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

32.8928, 29.9584, 55.6787

Protanopia

30.5740, 30.0593, 58.2234

Deuteranopia

30.6639, 29.9418, 55.2021



Tritanopia

29.2423, 30.0726, 37.0642

Trichromacy



Original Color

32.8928, 29.9584, 55.6787

Protanomaly

31.4738, 30.0788, 57.5730

Deuteranomaly

31.3879, 29.8613, 55.1484

Tritanomaly

30.3343, 29.8087, 43.1846

Monochromacy



Original Color

32.8928, 29.9584, 55.6787

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

30.3577, 30.3329, 40.8140

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.8928, 29.9584, 55.6787 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(155, 141, 195)` looks like.

```
.text, #text, p{  
    color:rgb(155, 141, 195)  
}
```

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(155, 141, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 141, 195) }
```

Border

The CSS property to change the border of an element to XYZ 32.8928, 29.9584, 55.6787 is called "border". The border property can be set on classes, ids or directly on the HTML element.

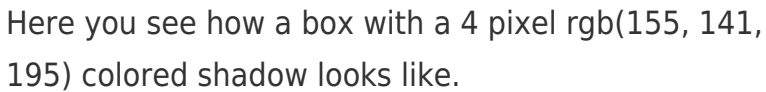
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(155, 141, 195) }
```


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

```
.border{ border-color:rgb(155, 141, 195) }
```

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



Here you see how a box with a 4 pixel `rgb(155, 141, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 141, 195); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 141, 195); box-shadow:4px 4px 4px 4px rgb(155, 141, 195) }
```

Background

The CSS property to change the background color of an element to XYZ 32.8928, 29.9584, 55.6787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 141, 195) }
```

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

```
.background{ background-color: rgb(155,  
141, 195) }
```

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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