

Converting Colors

XYZ(32.2516, 29.2749, 61.7084)

Have a look what the booklet for
XYZ(32.2516, 29.2749, 61.7084)
contains.

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Color

**XYZ(32.2516, 29.2749,
61.7084)**

Conversions

Conversions Part 1

Format	Color
Hex	928CCD
RGB	146, 140, 205
RGB Percent	57%, 55%, 80%
CMY	0.4274, 0.4510, 0.1961
CMYK	0.29, 0.32, 0.00, 0.20
HSL	246°, 39%, 68%
HSV	246°, 32%, 80%
XYZ	32.2516, 29.2749, 61.7084
YIQ	149.2040, -17.2890, 21.4870

Conversions

Conversions Part 2

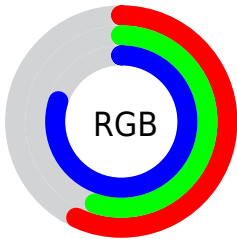
Format	Color
R_{YB}	146, 140, 205
Decimal	9604301
CIE _{Lab}	61.02, 16.75, -32.71
CIE _{LCh}	61, 36.749, 297.111
Yxy	29.2749, 0.2617, 0.2376
Android (android.graphics.Color)	4287794381 (0xFF928CCD)
YUV	149.2040, 27.5074, -2.8099
Hunter-Lab	54.1063, 11.7140, -29.7460

Details

The XYZ color **32.2516, 29.2749, 61.7084** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **50.1187, 57.6988, 33.3074**, and the grayscale version is **28.5468, 30.0334, 32.7064**.

A 20% lighter version of the original color is **61.4292, 58.2211, 102.6079**, and **13.6754, 11.8415, 30.4190** is the 20% darker color. If you saturate the color by 10%, you get **26.4877, 22.2639, 60.6594**, and if you desaturate by 10%, it is **39.1139, 37.6818, 62.9699**.

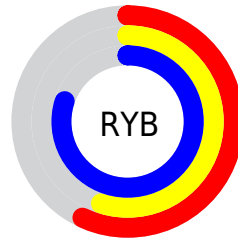
Distribution



Red (57%)

Green (55%)

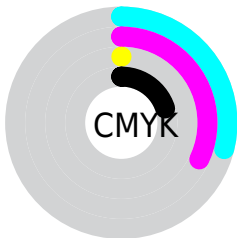
Blue (80%)



Red (57%)

Yellow (55%)

Blue (80%)

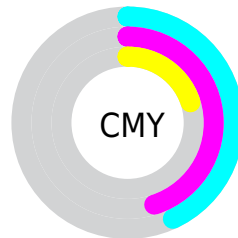


Cyan (29%)

Magenta (32%)

Yellow (0%)

Black (20%)



Cyan (43%)

Magenta (45%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.2516, 29.2749, 61.7084 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 32.2516, 29.2749, 61.7084 by changing the saturation by 10% instead.

■ 32.2516, 29.2749,
61.7084

■ 32.2516, 29.2749,
61.7084

303.9887,
298.5098, 448.8449

■ 21.7102, 19.2889,
44.3629

■ 62.5678, 58.5136,
108.8715

■ 13.7595, 11.8792,
30.6166

■ 83.0734, 78.5350,
139.5261

■ 8.0342, 6.6615,
20.0511

■ 107.6311,
102.6704, 175.4541

■ 4.1688, 3.2513,
12.2477

136.6063,
131.3040, 217.0742

■ 1.7981, 1.2643,
6.7880

170.3643,
164.8204, 264.8047

■ 0.5165, 0.1133,
3.2535

209.2704,

■ 0.0000, 0.0000,

203.6039, 319.0643

1.2255

253.6901,
248.0389, 380.2715

■ 0.0000, 0.0000,
0.0000

■ 32.2516, 29.2749,
61.7084

■ 32.2516, 29.2749,
61.7084

■ 26.4877, 22.2639,
60.6594

■ 39.1139, 37.6818,
62.9699

■ 21.7622, 16.5697,
59.8094

■ 47.1244, 47.5508,
64.4526

■ 18.0138, 12.1110,
59.1464

■ 56.3337, 58.9483,
66.1672

■ 15.1734, 8.7955,
58.6561

■ 66.7882, 71.9354,
68.1229

■ 13.1632, 6.5184,
58.3225

■ 78.5321, 86.5699,
70.3287

■ 11.8915, 5.1550,
58.1264

■ 88.0195, 97.1878,
71.8781

■ 11.2866, 4.5455,
58.0406

Harmonies

Analogous

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



27.3618, 29.2749, 66.2809



32.2516, 29.2749, 61.7084



36.3273, 29.2749, 48.5121

Triad

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



32.2516, 29.2749, 61.7084



33.1499, 29.2749, 14.4181



19.5794, 29.2749, 30.5601

Complementary

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



32.2516, 29.2749, 61.7084



50.1187, 57.6988, 33.3074

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.



20.7649, 29.2749, 19.5571



32.2516, 29.2749, 61.7084



28.2932, 29.2749, 12.0781

Square

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



32.2516, 29.2749, 61.7084



36.8865, 29.2749, 21.2730



23.8230, 29.2749, 13.6463



20.3841, 29.2749, 45.5192

Rectangle

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



32.2516, 29.2749, 61.7084



37.8387, 29.2749, 38.1500



23.8230, 29.2749, 13.6463



19.7548, 29.2749, 26.3295

Sweetspot

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



32.2526, 29.2760, 61.7091



79.4392, 80.6671, 105.9912



42.3934, 51.0998, 65.3870



16.5688, 16.7294, 22.6058



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.



32.2526, 29.2760, 61.7091



46.2398, 39.9283, 99.8776



38.7394, 32.6201, 62.0127



10.6962, 10.8927, 14.1091



7.0620, 2.8481, 36.1338



0.3981, 0.1643, 1.8657

Inverse Universe

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



44.8644, 35.8598, 58.5902



70.1269, 52.4050, 93.6520



42.5197, 53.7814, 32.9518



11.6412, 11.3852, 13.9109



21.2148, 10.2965, 29.9134



1.1078, 0.5365, 1.6135

Previews

White Background



This preview shows how the XYZ color 32.2516, 29.2749, 61.7084 looks on a white background.

Color Contrast Check

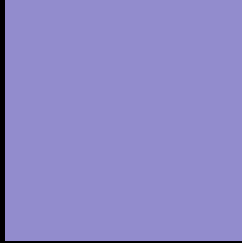
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.2516, 29.2749, 61.7084 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

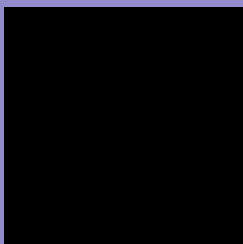
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.2516, 29.2749, 61.7084

Background



This preview shows how black text looks on a background with the XYZ color 32.2516, 29.2749, 61.7084.



This preview shows how white text looks on a background with the XYZ color 32.2516, 29.2749,

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

32.2516, 29.2749, 61.7084

Protanopia

30.3864, 29.3663, 64.3883

Deuteranopia

30.0777, 29.2776, 61.1926



Tritanopia

27.4970, 29.3865, 37.9411

Trichromacy



Original Color

32.2516, 29.2749, 61.7084

Protanomaly

31.0391, 29.2673, 63.6877

Deuteranomaly

30.7132, 29.1555, 61.1355

Tritanomaly

29.0299, 29.3075, 45.7219

Monochromacy



Original Color

32.2516, 29.2749, 61.7084

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

29.6531, 29.7182, 41.7094

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.2516, 29.2749, 61.7084 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(146, 140, 205)` looks like.

```
.text, #text, p{  
    color:rgb(146, 140, 205)  
}
```

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(146, 140, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 140, 205) }
```

Border

The CSS property to change the border of an element to XYZ 32.2516, 29.2749, 61.7084 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(146, 140, 205) }
```


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

```
.border{ border-color:rgb(146, 140, 205) }
```

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

Here you see how a box with a 4 pixel rgb(146, 140, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 140, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 140, 205);  
box-shadow:4px 4px 4px 4px rgb(146, 140,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 32.2516, 29.2749, 61.7084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 140, 205) }
```

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

```
.background{ background-color: rgb(146,  
140, 205) }
```

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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