

Converting Colors

XYZ(20.9492, 28.2982, 4.3885)

Have a look what the booklet for
XYZ(20.9492, 28.2982, 4.3885)
contains.

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Color

**XYZ(20.9327, 28.1907,
4.3668)**

Conversions

Conversions Part 1

Format	Color
Hex	829B01
RGB	130, 155, 1
RGB Percent	51%, 61%, 0%
CMY	0.4902, 0.3921, 0.9960
CMYK	0.16, 0.00, 0.99, 0.39
HSL	70°, 99%, 31%
HSV	70°, 99%, 61%
XYZ	20.9327, 28.1907, 4.3668
YIQ	129.9690, 34.5340, -53.1940

Conversions

Conversions Part 2

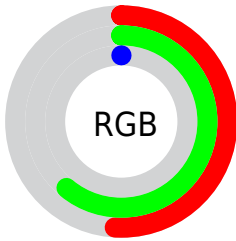
Format	Color
R_{YB}	1, 155, 26
Decimal	8559361
CIE _{Lab}	60.06, -25.90, 62.68
CIE _{LCh}	60, 67.820, 112.451
Yxy	28.1907, 0.3913, 0.5270
Android (android.graphics.Color)	4286749441 (0xFF829B01)
YUV	129.9690, -63.5817, 0.0272
Hunter-Lab	53.0949, -22.5424, 32.2901

Details

The XYZ color **20.9327, 28.1907, 4.3668** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **6.3542, 2.6085, 31.1807**, and the grayscale version is **21.4176, 22.5330, 24.5384**.

A 20% lighter version of the original color is **44.4966, 56.6468, 14.8920**, and **7.9308, 11.4371, 1.7896** is the 20% darker color. If you saturate the color by 10%, you get **20.9026, 28.1768, 4.3370**, and if you desaturate by 10%, it is **21.4160, 28.4302, 4.8694**.

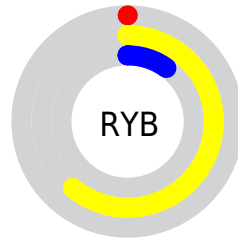
Distribution



Red (51%)

Green (61%)

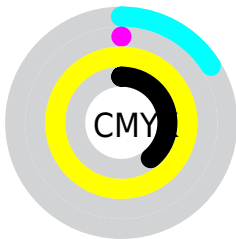
Blue (0%)



Red (0%)

Yellow (61%)

Blue (10%)

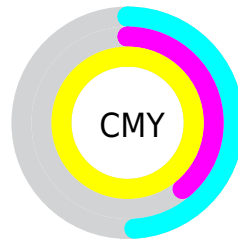


Cyan (16%)

Magenta (0%)

Yellow (99%)

Black (39%)



Cyan (49%)

Magenta (39%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.9327, 28.1907, 4.3668 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 20.9327, 28.1907, 4.3668 by changing the saturation by 10% instead.

■ 20.9327, 28.1907,
4.3668

■ 20.9327, 28.1907,
4.3668

249.6591,
293.3770, 152.2190

■ 13.1870, 18.4695,
1.8286

■ 44.4676, 56.7888,
14.8472

■ 7.6353, 11.2876,
0.4468

■ 60.9876, 76.4344,
23.6266

■ 3.9123, 6.2606,
0.0000

■ 81.1629, 100.1569,
35.3235

■ 1.6527, 3.0042,
0.0000

■ 105.3591,
128.3407, 50.3564

■ 0.4264, 1.1339,
0.0000

■ 133.9415,
161.3703, 69.1438


■ 0.0000, 0.0067,
0.0000


■ 167.2754,


■ 0.0000, 0.0000,


199.6299, 92.1044


0.0000


 205.7261,
243.5040, 119.6566


 20.9327, 28.1907,
4.3668


 20.9327, 28.1907,
4.3668


 20.9026, 28.1768,
4.3370

 21.4160, 28.4302,
4.8694

 21.9799, 28.7020,
5.7491

 22.6525, 29.0184,
7.1513

 23.4461, 29.3843,
9.1408

 24.3715, 29.8040,
11.7732

■ 25.4379, 30.2813,
15.0975

■ 26.6539, 30.8196,
19.1580

■ 28.0272, 31.4219,
23.9954

■ 29.5650, 32.0912,
29.6472

Harmonies

Analogous

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



29.0390, 28.1907, 3.5523



20.9327, 28.1907, 4.3668



15.6549, 28.1907, 9.8581

Triad

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



20.9327, 28.1907, 4.3668



17.8842, 28.1907, 86.0481



46.8903, 28.1907, 37.3864

Complementary

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



20.9327, 28.1907, 4.3668



6.3542, 2.6085, 31.1807

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.



42.2583, 28.1907, 69.8271



20.9327, 28.1907, 4.3668



24.6686, 28.1907, 106.2444

Square

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



20.9327, 28.1907, 4.3668



14.1772, 28.1907, 52.7095



33.6594, 28.1907, 99.0966



45.2880, 28.1907, 15.8638

Rectangle

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



20.9327, 28.1907, 4.3668



13.8614, 28.1907, 18.4581



33.6594, 28.1907, 99.0966



45.9816, 28.1907, 47.4101

Sweetspot

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



20.9333, 28.1920, 4.3674



47.4469, 55.0660, 33.3332



13.8528, 7.6291, 0.7715



10.5415, 12.3765, 6.8770



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



20.9333, 28.1920, 4.3674



37.2979, 50.3896, 7.7604



13.2982, 24.2559, 4.0101



6.6104, 7.1721, 6.6418



16.8150, 22.6443, 3.4845



0.2746, 0.3505, 0.0532

Inverse Universe

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



6.3542, 2.6085, 31.1807



11.2136, 4.5568, 55.8248



11.3066, 5.1616, 31.4124



5.9733, 6.0721, 7.7862



5.1003, 2.0803, 25.0404



0.0970, 0.0418, 0.3753

Previews

White Background



This preview shows how the XYZ color 20.9327, 28.1907, 4.3668 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 20.9327, 28.1907, 4.3668 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 20.9327, 28.1907, 4.3668

Background



This preview shows how black text looks on a background with the XYZ color 20.9327, 28.1907, 4.3668.



This preview shows how white text looks on a background with the XYZ color 20.9327, 28.1907,

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

20.9327, 28.1907, 4.3668

Protanopia

25.2297, 28.0373, 4.0820

Deuteranopia

28.4349, 27.9155, 4.9265



Tritanopia

27.0450, 28.0639, 35.0018

Trichromacy



Original Color

20.9327, 28.1907, 4.3668

Protanomaly

23.5099, 28.0742, 4.1798

Deuteranomaly

25.1867, 27.7767, 4.6062

Tritanomaly

23.3233, 27.4839, 15.8800

Monochromacy



Original Color

20.9327, 28.1907, 4.3668

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

19.9999, 23.8356, 11.7302

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.9327, 28.1907, 4.3668 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(130, 155, 1)` looks like.

```
.text, #text, p{  
    color:rgb(130, 155, 1)  
}
```

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(130, 155, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 155, 1) }
```

Border

The CSS property to change the border of an element to XYZ 20.9327, 28.1907, 4.3668 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(130, 155, 1) }
```


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

```
.border{ border-color:rgb(130, 155, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 155, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 155, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 155, 1);  
box-shadow:4px 4px 4px 4px rgb(130, 155,  
1) }
```

Background

The CSS property to change the background color of an element to XYZ 20.9327, 28.1907, 4.3668 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 155, 1) }
```

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

```
.background{ background-color: rgb(130,  
155, 1) }
```

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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