

Converting Colors

XYZ(20.9188, 29.6702, 6.1378)

Have a look what the booklet for
XYZ(20.9188, 29.6702, 6.1378)
contains.

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Color

**XYZ(20.9188, 29.6702,
6.1378)**

Conversions

Conversions Part 1

Format	Color
Hex	79A122
RGB	121, 161, 34
RGB Percent	47%, 63%, 13%
CMY	0.5255, 0.3686, 0.8666
CMYK	0.25, 0.00, 0.79, 0.37
HSL	79°, 65%, 38%
HSV	79°, 79%, 63%
XYZ	20.9188, 29.6702, 6.1378
YIQ	134.5620, 16.9270, -47.9770

Conversions

Conversions Part 2

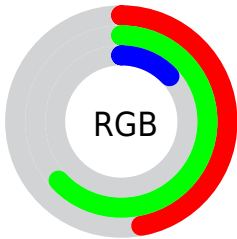
Format	Color
RYB	34, 161, 74
Decimal	7971106
CIELab	61.37, -31.60, 56.71
CIELCh	61, 64.921, 119.131
Yxy	29.6702, 0.3688, 0.5230
Android (android.graphics.Color)	4286161186 (0xFF79A122)
YUV	134.5620, -49.5771, -11.8939
Hunter-Lab	54.4704, -26.7720, 31.4484

Details

The XYZ color **20.9188, 29.6702, 6.1378** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **9.8304, 5.1740, 34.2005**, and the grayscale version is **23.0410, 24.2409, 26.3984**.

A 20% lighter version of the original color is **44.5328, 59.1970, 18.7519**, and **7.7834, 12.1306, 1.9312** is the 20% darker color. If you saturate the color by 10%, you get **20.0469, 29.2425, 5.1560**, and if you desaturate by 10%, it is **21.9383, 30.1633, 7.6955**.

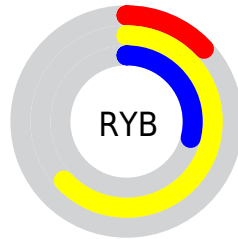
Distribution



Red (47%)

Green (63%)

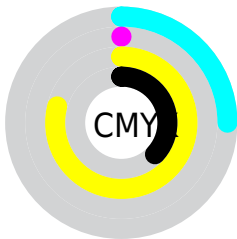
Blue (13%)



Red (13%)

Yellow (63%)

Blue (29%)

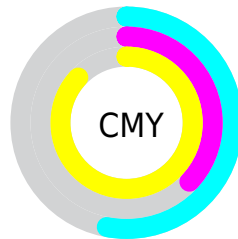


Cyan (25%)

Magenta (0%)

Yellow (79%)

Black (37%)



Cyan (53%)


Magenta (37%)


Yellow (87%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 20.9188, 29.6702, 6.1378 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 20.9188, 29.6702, 6.1378 by changing the saturation by 10% instead.


 20.9188, 29.6702,
6.1378


 20.9188, 29.6702,
6.1378


249.5865,
300.3641, 169.6433


 13.1768, 19.5884,
2.8589


 44.4447, 59.1402,
18.6988


 7.6282, 12.0962,
1.0231


 60.9592, 79.2972,
28.8181

 3.9078, 6.8092,
0.0000


 81.1286, 103.5814,
42.0545

 1.6501, 3.3431,
0.0000

 105.3183,
132.3772, 58.8266

 0.4247, 1.3134,
0.0000

 133.8936,
166.0690, 79.5530

 0.0000, 0.1515,
0.0000

 167.2198,

 0.0000, 0.0000,

205.0411, 104.6523

0.0000

205.6623,
249.6781, 134.5429

■ 20.9188, 29.6702,
6.1378

■ 20.9188, 29.6702,
6.1378

■ 20.0469, 29.2425,
5.1560

■ 21.9383, 30.1633,
7.6955

■ 19.2929, 28.8652,
4.6065

■ 23.1172, 30.7236,
9.8981

■ 19.2118, 28.8246,
4.5511

■ 24.4685, 31.3572,
12.8070

■ 26.0027, 32.0685,
16.4758

■ 27.7295, 32.8614,
20.9530

■ 29.6581, 33.7396,
26.2830

■ 31.7966, 34.7065,
32.5072

■ 34.1529, 35.7652,
39.6640

■ 36.7343, 36.9188,
47.7897

Harmonies

Analogous

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



28.4511, 29.6702, 4.3710



20.9188, 29.6702, 6.1378



16.2946, 29.6702, 13.6452

Triad

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



20.9188, 29.6702, 6.1378



20.5664, 29.6702, 92.0601



48.0819, 29.6702, 33.0262

Complementary

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



20.9188, 29.6702, 6.1378



9.8304, 5.1740, 34.2005

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.



44.8311, 29.6702, 63.0523



20.9188, 29.6702, 6.1378



27.9517, 29.6702, 106.1416

Square

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



20.9188, 29.6702, 6.1378



16.1220, 29.6702, 61.1376



37.0021, 29.6702, 93.5050



45.1721, 29.6702, 14.3544

Rectangle

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



20.9188, 29.6702, 6.1378



14.9215, 29.6702, 24.2031



37.0021, 29.6702, 93.5050



47.6642, 29.6702, 42.0409

Sweetspot

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



20.9195, 29.6715, 6.1384



51.1426, 59.5262, 41.5569



17.3117, 12.3413, 2.9835



10.9689, 12.9421, 8.4393



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



20.9195, 29.6715, 6.1384



34.8304, 51.8324, 8.4692



14.8621, 26.5488, 5.8550



7.4314, 8.1249, 7.5567



15.3865, 23.0425, 3.6367



0.3687, 0.5076, 0.0785

Inverse Universe

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



9.8304, 5.1740, 34.2005



14.3843, 6.2530, 60.8353



17.0947, 8.9189, 34.5405



6.9007, 6.9632, 8.8834



6.2549, 2.6310, 27.1079



0.1783, 0.0795, 0.5718

Previews

White Background



This preview shows how the XYZ color 20.9188, 29.6702, 6.1378 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 20.9188, 29.6702, 6.1378 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 20.9188, 29.6702, 6.1378

Background



This preview shows how black text looks on a background with the XYZ color 20.9188, 29.6702, 6.1378.



This preview shows how white text looks on a background with the XYZ color 20.9188, 29.6702,

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

20.9188, 29.6702, 6.1378

Protanopia

26.5631, 29.3857, 5.5683

Deuteranopia

29.8403, 29.2523, 6.4564



Tritanopia

27.4196, 29.5722, 38.4453

Trichromacy



Original Color

20.9188, 29.6702, 6.1378

Protanomaly

24.2296, 29.3708, 5.7586

Deuteranomaly

25.8732, 29.0144, 6.2442

Tritanomaly

23.8560, 29.0948, 20.5782

Monochromacy



Original Color

20.9188, 29.6702, 6.1378

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

21.3838, 25.5742, 15.3645

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.9188, 29.6702, 6.1378 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(121, 161, 34)` looks like.

```
.text, #text, p{  
    color:rgb(121, 161, 34)  
}
```

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(121, 161, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 161, 34) }
```

Border

The CSS property to change the border of an element to XYZ 20.9188, 29.6702, 6.1378 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(121, 161, 34) }
```


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

```
.border{ border-color:rgb(121, 161, 34) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 161, 34)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 161, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 161, 34);  
box-shadow:4px 4px 4px 4px rgb(121, 161,  
34) }
```

Background

The CSS property to change the background color of an element to XYZ 20.9188, 29.6702, 6.1378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 161, 34) }
```

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

```
.background{ background-color: rgb(121,  
161, 34) }
```

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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