

Converting Colors

XYZ(20.5505, 29.4230, 4.5961)

Have a look what the booklet for
XYZ(20.5505, 29.4230, 4.5961)
contains.

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Color

**XYZ(20.6300, 29.5547,
4.6173)**

Conversions

Conversions Part 1

Format	Color
Hex	79A100
RGB	121, 161, 0
RGB Percent	47%, 63%, 0%
CMY	0.5255, 0.3686, 0.9999
CMYK	0.25, 0.00, 1.00, 0.37
HSL	75°, 100%, 32%
HSV	75°, 100%, 63%
XYZ	20.6300, 29.5547, 4.6173
YIQ	130.6860, 27.8410, -58.5510

Conversions

Conversions Part 2

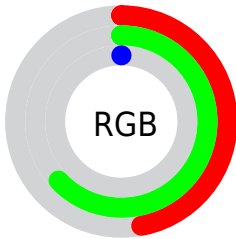
Format	Color
RYB	0, 161, 40
Decimal	7971072
CIELab	61.27, -32.57, 63.48
CIELCh	61, 71.344, 117.160
Yxy	29.5547, 0.3764, 0.5393
Android (android.graphics.Color)	4286161152 (0xFF79A100)
YUV	130.6860, -64.4282, -8.4946
Hunter-Lab	54.3642, -27.4007, 33.0193

Details

The XYZ color **20.6300, 29.5547, 4.6173** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **7.3093, 3.0251, 33.9187**, and the grayscale version is **21.6781, 22.8070, 24.8368**.

A 20% lighter version of the original color is **43.8899, 58.9399, 15.3666**, and **7.7154, 12.0955, 1.9280** is the 20% darker color. If you saturate the color by 10%, you get **20.6301, 29.5557, 4.6175**, and if you desaturate by 10%, it is **21.2974, 29.8888, 5.1413**.

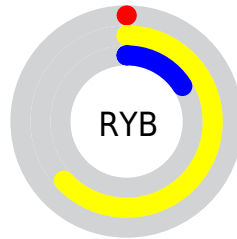
Distribution



Red (47%)

Green (63%)

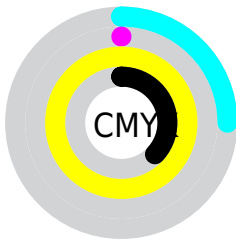
Blue (0%)



Red (0%)

Yellow (63%)

Blue (16%)

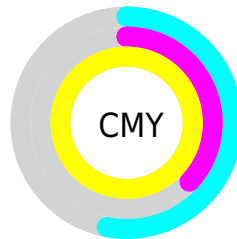


Cyan (25%)

Magenta (0%)

Yellow (100%)

Black (37%)



Cyan (53%)

Magenta (37%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.6300, 29.5547, 4.6173 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 20.6300, 29.5547, 4.6173 by changing the saturation by 10% instead.

■ 20.6300, 29.5547,
4.6173

■ 20.6300, 29.5547,
4.6173

248.0747,
299.8233, 154.8577

■ 12.9647, 19.5008,
1.9697

■ 43.9669, 58.9572,
15.4101

■ 7.4811, 12.0327,
0.5366

■ 60.3692, 79.0747,
24.3925

■ 3.8137, 6.7660,
0.0000

■ 80.4145, 103.3155,
36.3235

■ 1.5973, 3.3162,
0.0000

■ 104.4683,
132.0640, 51.6217

■ 0.3907, 1.2989,
0.0000

■ 132.8959,
165.7047, 70.7057


■ 0.0000, 0.1404,
0.0000


■ 166.0625,


■ 0.0000, 0.0000,


204.6218, 93.9940


0.0000


 204.3337,
249.1999, 121.9052


 20.6300, 29.5547,
4.6173


 20.6300, 29.5547,
4.6173

 20.6301, 29.5557,
4.6175

 21.2974, 29.8888,
5.1413

 22.0626, 30.2637,
6.0605

 22.9587, 30.6938,
7.5449

 23.9998, 31.1846,
9.6670

 25.1977, 31.7409,
12.4883

■ 26.5631, 32.3671,
16.0631

■ 28.1056, 33.0670,
20.4405

■ 29.8338, 33.8441,
25.6653

■ 31.7559, 34.7016,
31.7790

Harmonies

Analogous

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



28.9949, 29.5547, 3.2382



20.6300, 29.5547, 4.6173



15.4897, 29.5547, 11.4974

Triad

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



20.6300, 29.5547, 4.6173



19.3944, 29.5547, 98.0936



50.2534, 29.5547, 34.8103

Complementary

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



20.6300, 29.5547, 4.6173



7.3093, 3.0251, 33.9187

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.



46.1516, 29.5547, 69.1473



20.6300, 29.5547, 4.6173



27.2058, 29.5547, 116.3596

Square

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



20.6300, 29.5547, 4.6173



14.8959, 29.5547, 62.0190



37.1632, 29.5547, 103.5783



47.4082, 29.5547, 13.8793

Rectangle

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



20.6300, 29.5547, 4.6173



13.9102, 29.5547, 22.0038



37.1632, 29.5547, 103.5783



49.6235, 29.5547, 45.0910

Sweetspot

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



20.6307, 29.5560, 4.6179



50.1653, 59.1418, 36.1168



15.3785, 8.9369, 0.9149



10.7562, 12.8594, 7.2116



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.



20.6307, 29.5560, 4.6179



36.7571, 52.8322, 8.2603



13.7396, 26.0035, 4.2954



7.4767, 8.1482, 7.5588



16.5142, 23.6239, 3.6895



0.3860, 0.5165, 0.0794

Inverse Universe

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



7.3093, 3.0251, 33.9187



12.9351, 5.3374, 60.7350



13.9147, 6.4303, 34.2278



6.8577, 6.9410, 8.8814



5.8696, 2.4323, 27.0899



0.1635, 0.0718, 0.5711

Previews

White Background



This preview shows how the XYZ color 20.6300, 29.5547, 4.6173 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 20.6300, 29.5547, 4.6173 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 20.6300, 29.5547, 4.6173

Background



This preview shows how black text looks on a background with the XYZ color 20.6300, 29.5547, 4.6173.



This preview shows how white text looks on a background with the XYZ color 20.6300, 29.5547,

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

20.6300, 29.5547, 4.6173

Protanopia

26.3158, 29.2868, 4.2659

Deuteranopia

29.8621, 29.2890, 5.3077



Tritanopia

27.4196, 29.5722, 38.4453

Trichromacy



Original Color

20.6300, 29.5547, 4.6173

Protanomaly

23.9689, 29.2665, 4.3857

Deuteranomaly

25.6077, 28.9082, 4.8463

Tritanomaly

23.2097, 28.8363, 17.1746

Monochromacy



Original Color

20.6300, 29.5547, 4.6173

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

19.9867, 24.4826, 11.8558

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.6300, 29.5547, 4.6173 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, 0)` looks like.

```
.text, #text, p{  
    color:rgb(121, 161, 0)  
}
```

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, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 161, 0) }
```

Border

The CSS property to change the border of an element to XYZ 20.6300, 29.5547, 4.6173 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, 0) }
```


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

```
.border{ border-color:rgb(121, 161, 0) }
```

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, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 161, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 161, 0);  
box-shadow:4px 4px 4px 4px rgb(121, 161,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 20.6300, 29.5547, 4.6173 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, 0) }
```

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

```
.background{ background-color: rgb(121,  
161, 0) }
```

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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