

Converting Colors

XYZ(29.2033, 43.6936, 26.3173)

Have a look what the booklet for
XYZ(29.2033, 43.6936, 26.3173)
contains.

XYZ(29.1606, 43.5751, 26.2759)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(29.1606, 43.5751,
26.2759)**

Conversions

Conversions Part 1

Format	Color
Hex	6AC37D
RGB	106, 195, 125
RGB Percent	42%, 76%, 49%
CMY	0.5843, 0.2353, 0.5098
CMYK	0.46, 0.00, 0.36, 0.24
HSL	133°, 43%, 59%
HSV	133°, 46%, 76%
XYZ	29.1606, 43.5751, 26.2759
YIQ	160.4090, -30.5740, -40.6380

Conversions

Conversions Part 2

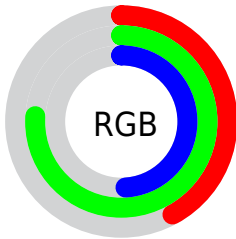
Format	Color
RYB	106, 179, 195
Decimal	6996861
CIELab	71.94, -41.84, 27.11
CIElCh	72, 49.855, 147.059
Yxy	43.5751, 0.2945, 0.4401
Android (android.graphics.Color)	4285186941 (0xFF6AC37D)
YUV	160.4090, -17.4566, -47.7167
Hunter-Lab	66.0114, -36.6675, 22.6076

Details

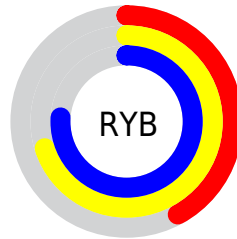
The XYZ color **29.1606, 43.5751, 26.2759** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **35.4975, 25.0455, 44.0390**, and the grayscale version is **33.6916, 35.4462, 38.6009**.

A 20% lighter version of the original color is **57.7466, 80.5165, 54.6172**, and **12.1103, 20.2359, 9.9242** is the 20% darker color. If you saturate the color by 10%, you get **26.1962, 42.1527, 21.4119**, and if you desaturate by 10%, it is **32.8055, 45.3332, 31.9634**.

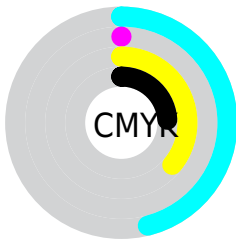
Distribution



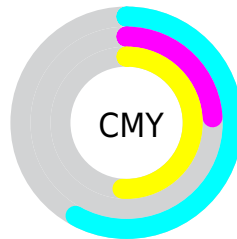
- Red (42%)
- Green (76%)
- Blue (49%)



- Red (42%)
- Yellow (70%)
- Blue (76%)



- Cyan (46%)
- Magenta (0%)
- Yellow (36%)
- Black (24%)





- Cyan (58%)
- Magenta (24%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.1606, 43.5751, 26.2759 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 29.1606, 43.5751, 26.2759 by changing the saturation by 10% instead.


 29.1606, 43.5751,
26.2759


 29.1606, 43.5751,
26.2759


289.9525,
360.9715, 297.7823


 19.3472, 30.3366,
16.8025


 57.7279, 80.5780,
54.7092


 12.0269, 20.0942,
9.9333


 77.2126, 105.1112,
74.5063

 6.8344, 12.4636,
5.2498

 100.6518,
134.1781, 98.5817

 3.4041, 7.0602,
2.3332

 128.4108,
168.1630, 127.3539

 1.3709, 3.4998,
0.7498

160.8551,
207.4504, 161.2416

 0.2354, 1.3979,
0.0000

198.3499,

 0.0000, 0.2152,

252.4247, 200.6632

0.0000

241.2606,
303.4703, 246.0372

■ 0.0000, 0.0000,
0.0000

■ 29.1606, 43.5751,
26.2759

■ 29.1606, 43.5751,
26.2759

■ 26.1962, 42.1527,
21.4119

■ 32.8055, 45.3332,
31.9634

■ 23.8658, 41.0393,
17.3304

■ 37.1667, 47.4412,
38.5072

■ 22.1224, 40.2126,
13.9911


■ 42.2816, 49.9188,
45.9417


■ 20.9104, 39.6451,
11.3490

■ 48.1840, 52.7827,
54.2988


■ 20.1624, 39.3028,
9.3541


■ 54.9055, 56.0487,
63.6084

 19.9273, 39.1965,
8.6715

 62.4760, 59.7315,
73.8995

 70.9241, 63.8453,
85.1996

 77.6528, 67.0507,
97.4125

 78.8060, 67.5120,
103.4853

Harmonies

Analogous

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



34.4188, 43.5751, 16.7807



29.1606, 43.5751, 26.2759



27.1466, 43.5751, 45.0851

Triad

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



29.1606, 43.5751, 26.2759



40.5841, 43.5751, 111.2122



57.7405, 43.5751, 29.1815

Complementary

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



29.1606, 43.5751, 26.2759



35.4975, 25.0455, 44.0390

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.



59.9741, 43.5751, 49.8877



29.1606, 43.5751, 26.2759



49.3044, 43.5751, 102.5182

Square

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



29.1606, 43.5751, 26.2759



33.1512, 43.5751, 98.5573



56.7005, 43.5751, 77.7160



50.9535, 43.5751, 18.0104

Rectangle

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



29.1606, 43.5751, 26.2759



27.6763, 43.5751, 62.5422



56.7005, 43.5751, 77.7160



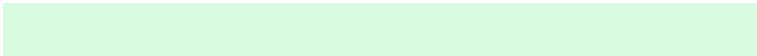
59.0858, 43.5751, 34.9982

Sweetspot

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



29.1617, 43.5769, 26.2769



77.1422, 90.0892, 84.3089



40.2953, 49.4436, 21.0556



16.4164, 19.4974, 17.7795



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.



29.1617, 43.5769, 26.2769



46.8162, 75.4452, 38.1789



32.5561, 44.9347, 44.1513



10.0305, 11.2932, 11.1638



12.9768, 25.4848, 5.7710



0.5868, 1.1116, 0.3869

Inverse Universe

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



35.4975, 25.0455, 44.0390



59.5740, 38.0420, 73.8790



31.8738, 23.5960, 24.9569



10.4022, 10.2095, 12.2087



18.4162, 9.0562, 20.6357



0.8193, 0.4007, 1.0157

Previews

White Background



This preview shows how the XYZ color 29.1606, 43.5751, 26.2759 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 29.1606, 43.5751, 26.2759 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 ✓ Pass

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

XYZ 29.1606, 43.5751, 26.2759

Background



This preview shows how black text looks on a background with the XYZ color 29.1606, 43.5751, 26.2759.



This preview shows how white text looks on a background with the XYZ color 29.1606, 43.5751,

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

29.1606, 43.5751, 26.2759

Protanopia

39.7761, 42.8914, 23.0121

Deuteranopia

43.8315, 42.9094, 27.4449



Tritanopia

36.2699, 43.5458, 61.7519

Trichromacy



Original Color

29.1606, 43.5751, 26.2759



Protanomaly

34.4162, 42.1829, 24.0975



Deuteranomaly

36.4604, 41.9718, 26.9486



Tritanomaly

33.0765, 43.1942, 46.1292

Monochromacy



Original Color

29.1606, 43.5751, 26.2759



Achromatopsia

33.4132, 35.1533, 38.2819



Achromatomaly

31.0252, 37.5692, 33.2201

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.1606, 43.5751, 26.2759 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(106, 195, 125)` looks like.

```
.text, #text, p{  
    color:rgb(106, 195, 125)  
}
```

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(106, 195, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 195, 125) }
```

Border

The CSS property to change the border of an element to XYZ 29.1606, 43.5751, 26.2759 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(106, 195, 125) }
```


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

```
.border{ border-color:rgb(106, 195, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 195, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 195, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 195, 125);  
box-shadow:4px 4px 4px 4px rgb(106, 195,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 29.1606, 43.5751, 26.2759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 195, 125) }
```

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

```
.background{ background-color: rgb(106,  
195, 125) }
```

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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