

Converting Colors

XYZ(29.6067, 37.4506, 6.3823)

Have a look what the booklet for
XYZ(29.6067, 37.4506, 6.3823)
contains.

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Color

**XYZ(29.5761, 37.4149,
6.3724)**

Conversions

Conversions Part 1

Format	Color
Hex	A0AD15
RGB	160, 173, 21
RGB Percent	63%, 68%, 8%
CMY	0.3726, 0.3216, 0.9176
CMYK	0.08, 0.00, 0.88, 0.32
HSL	65°, 78%, 38%
HSV	65°, 88%, 68%
XYZ	29.5761, 37.4149, 6.3724
YIQ	151.7850, 41.0440, -50.0280

Conversions

Conversions Part 2

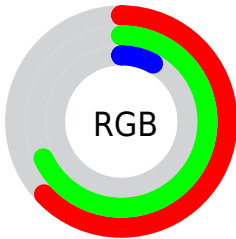
Format	Color
RYB	21, 173, 34
Decimal	10530069
CIELab	67.59, -21.47, 66.47
CIELCh	68, 69.846, 107.900
Yxy	37.4149, 0.4031, 0.5100
Android (android.graphics.Color)	4288720149 (0xFFA0AD15)
YUV	151.7850, -64.4770, 7.2046
Hunter-Lab	61.1677, -20.7344, 36.6406

Details

The XYZ color **29.5761, 37.4149, 6.3724** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **8.4718, 3.8943, 39.8427**, and the grayscale version is **30.0104, 31.5732, 34.3833**.

A 20% lighter version of the original color is **58.2965, 71.0481, 19.2354**, and **12.5463, 16.6178, 2.5463** is the 20% darker color. If you saturate the color by 10%, you get **29.1676, 37.2189, 5.7532**, and if you desaturate by 10%, it is **30.0941, 37.6579, 7.5426**.

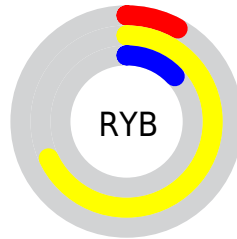
Distribution



Red (63%)

Green (68%)

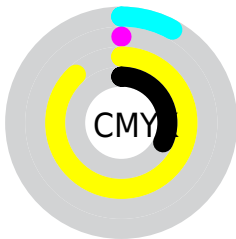
Blue (8%)



Red (8%)

Yellow (68%)

Blue (13%)

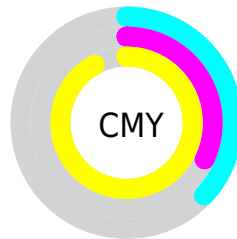


Cyan (8%)

Magenta (0%)

Yellow (88%)

Black (32%)



Cyan (37%)

Magenta (32%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.5761, 37.4149, 6.3724 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 29.5761, 37.4149, 6.3724 by changing the saturation by 10% instead.

■ 29.5761, 37.4149,
6.3724

■ 29.5761, 37.4149,
6.3724

291.8689,
335.1033, 171.7700

■ 19.6635, 25.5289,
3.0004

■ 58.3824, 71.2104,
19.1899

■ 12.2575, 16.4715,
1.0948

■ 78.0068, 93.8888,
29.4725

■ 6.9928, 9.8584,
0.0000

■ 101.5993,
120.9333, 42.8958

■ 3.5039, 5.3052,
0.0000

■ 129.5251,
152.7285, 59.8781

■ 1.4255, 2.4274,
0.0000

■ 162.1496,
189.6587, 80.8382

■ 0.2743, 0.8399,
0.0000

■ 199.8382,

■ 0.0000, 0.0000,

232.1083, 106.1945

0.0000

242.9562,
280.4617, 136.3656

■ 29.5761, 37.4149,
6.3724

■ 29.5761, 37.4149,
6.3724

■ 29.1676, 37.2189,
5.7532

■ 30.0941, 37.6579,
7.5426

■ 29.0847, 37.1785,
5.6432

■ 30.7448, 37.9530,
9.3968

■ 31.5450, 38.3082,
12.0194

■ 32.5082, 38.7291,
15.4821

■ 33.6465, 39.2205,
19.8484

■ 34.9708, 39.7867,
25.1756

■ 36.4912, 40.4317,
31.5163

■ 38.2169, 41.1593,
38.9194

■ 40.1566, 41.9729,
47.4305

Harmonies

Analogous

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



40.0756, 37.4149, 5.9325



29.5761, 37.4149, 6.3724



22.3175, 37.4149, 12.5333

Triad

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



29.5761, 37.4149, 6.3724



23.4200, 37.4149, 102.3862



59.8600, 37.4149, 54.4584

Complementary

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



29.5761, 37.4149, 6.3724



8.4718, 3.8943, 39.8427

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.



53.2207, 37.4149, 94.7495



29.5761, 37.4149, 6.3724



31.4002, 37.4149, 130.4360

Square

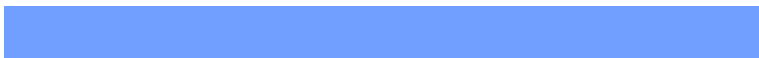
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



29.5761, 37.4149, 6.3724



19.2882, 37.4149, 61.7908



42.3049, 37.4149, 127.0948



59.0967, 37.4149, 25.1101

Rectangle

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



29.5761, 37.4149, 6.3724



19.6350, 37.4149, 22.2704



42.3049, 37.4149, 127.0948



58.3725, 37.4149, 67.3330

Sweetspot

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



29.5770, 37.4166, 6.3732



62.9876, 71.4052, 46.5661



17.9329, 10.0645, 1.7074



13.5049, 15.4397, 9.3672



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



29.5770, 37.4166, 6.3732



51.9951, 66.5340, 10.1019



18.7666, 31.8437, 5.8673



8.5941, 9.2948, 8.5545



21.3896, 27.3238, 4.1467



0.6144, 0.7701, 0.1163

Inverse Universe

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



8.4718, 3.8943, 39.8427



13.7814, 5.5440, 71.1495



14.2014, 6.8481, 40.1109



7.6401, 7.7888, 10.0534



5.7055, 2.3011, 29.1880



0.1787, 0.0743, 0.8129

Previews

White Background



This preview shows how the XYZ color 29.5761, 37.4149, 6.3724 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 29.5761, 37.4149, 6.3724 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

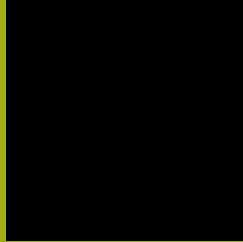
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 29.5761, 37.4149, 6.3724

Background



This preview shows how black text looks on a background with the XYZ color 29.5761, 37.4149, 6.3724.



This preview shows how white text looks on a background with the XYZ color 29.5761, 37.4149,

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

29.5761, 37.4149, 6.3724

Protanopia

33.5719, 37.2682, 5.9963

Deuteranopia

37.9093, 37.1578, 6.6875



Tritanopia

37.3981, 37.3164, 45.2761

Trichromacy



Original Color

29.5761, 37.4149, 6.3724

Protanomaly

32.0247, 37.2824, 6.1244

Deuteranomaly

34.3773, 36.8765, 6.4684

Tritanomaly

32.8736, 36.5431, 22.4604

Monochromacy



Original Color

29.5761, 37.4149, 6.3724

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

28.5871, 33.1097, 17.9808

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.5761, 37.4149, 6.3724 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(160, 173, 21)` looks like.

```
.text, #text, p{  
    color:rgb(160, 173, 21)  
}
```

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(160, 173, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 173, 21) }
```

Border

The CSS property to change the border of an element to XYZ 29.5761, 37.4149, 6.3724 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(160, 173, 21) }
```


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

```
.border{ border-color:rgb(160, 173, 21) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 173, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 173, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 173, 21);  
box-shadow:4px 4px 4px 4px rgb(160, 173,  
21) }
```

Background

The CSS property to change the background color of an element to XYZ 29.5761, 37.4149, 6.3724 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 173, 21) }
```

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

```
.background{ background-color: rgb(160,  
173, 21) }
```

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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