

Converting Colors

XYZ(37.9720, 29.0946, 15.0220)

Have a look what the booklet for
XYZ(37.9720, 29.0946, 15.0220)
contains.

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Color

**XYZ(37.9679, 29.1168,
14.9282)**

Conversions

Conversions Part 1

Format	Color
Hex	DB7761
RGB	219, 119, 97
RGB Percent	86%, 47%, 38%
CMY	0.1412, 0.5333, 0.6196
CMYK	0.00, 0.46, 0.56, 0.14
HSL	11°, 63%, 62%
HSV	11°, 56%, 86%
XYZ	37.9679, 29.1168, 14.9282
YIQ	146.3920, 66.6620, 14.3580

Conversions

Conversions Part 2

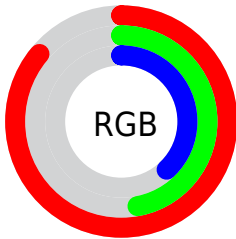
Format	Color
R_{YB}	219, 124, 97
Decimal	14382945
CIE _{Lab}	60.88, 36.84, 29.43
CIE _{LCh}	61, 47.152, 38.621
Yxy	29.1168, 0.4630, 0.3550
Android (android.graphics.Color)	4292573025 (0xFFDB7761)
YUV	146.3920, -24.3503, 63.6772
Hunter-Lab	53.9600, 31.1681, 21.3692

Details

The XYZ color **37.9679, 29.1168, 14.9282** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **37.6808, 47.5856, 74.2165**, and the grayscale version is **27.5611, 28.9964, 31.5771**.

A 20% lighter version of the original color is **61.5289, 53.2853, 35.0591**, and **17.1400, 11.8381, 4.3992** is the 20% darker color. If you saturate the color by 10%, you get **35.1459, 24.8878, 9.6262**, and if you desaturate by 10%, it is **41.4766, 34.2684, 21.8500**.

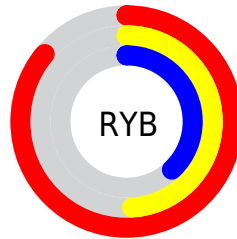
Distribution



Red (86%)

Green (47%)

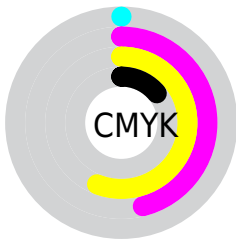
Blue (38%)



Red (86%)

Yellow (49%)

Blue (38%)

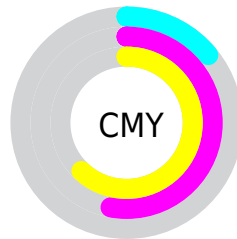


Cyan (0%)

Magenta (46%)

Yellow (56%)

Black (14%)



Cyan (14%)


Magenta (53%)


Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.9679, 29.1168, 14.9282 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 37.9679, 29.1168, 14.9282 by changing the saturation by 10% instead.


 37.9679, 29.1168,
14.9282


 37.9679, 29.1168,
14.9282


328.7655,
297.7657, 234.5570


 26.1349, 19.1692,
8.6229


 71.3631, 58.2626,
35.4677


 17.0578, 11.7926,
4.4026


 93.6561, 78.2296,
50.5390

 10.3713, 6.6026,
1.8487


 120.1664,
102.3052, 69.3694

 5.7099, 3.2148,
0.4598

 151.2594,
130.8737, 92.3775

 2.7085, 1.2449,
0.0000

187.3004,
164.3197, 119.9818

 1.0016, 0.0979,
0.0000

228.6549,

 0.0000, 0.0000,

203.0274, 152.6007

0.0000

275.6881,
247.3812, 190.6530

■ 37.9679, 29.1168,
14.9282

■ 37.9679, 29.1168,
14.9282

■ 35.1459, 24.8878,
9.6262

■ 41.4766, 34.2684,
21.8500

■ 32.9620, 21.5218,
5.8093

■ 45.7119, 40.3886,
30.5082

■ 31.3639, 18.9592,
3.3237

■ 50.7133, 47.5255,
41.0104

■ 30.2896, 17.1303,
1.9800

■ 56.5165, 55.7228,
53.4551

■ 29.9554, 16.5442,
1.6145

■ 63.1552, 65.0215,
67.9337

■ 70.6610, 75.4606,
84.5319

■ 79.0638, 87.0770,
103.3303

■ 83.0233, 93.8000,
108.3372

Harmonies

Analogous

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



41.0741, 29.1168, 26.8975



37.9679, 29.1168, 14.9282



32.2080, 29.1168, 9.4827

Triad

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



37.9679, 29.1168, 14.9282



18.0677, 29.1168, 20.9007



29.4834, 29.1168, 78.2948

Complementary

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



37.9679, 29.1168, 14.9282



37.6808, 47.5856, 74.2165

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.



23.5880, 29.1168, 74.7935



37.9679, 29.1168, 14.9282



17.5612, 29.1168, 37.0498

Square

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



37.9679, 29.1168, 14.9282



20.9368, 29.1168, 11.9365



19.4333, 29.1168, 57.8548



35.7221, 29.1168, 66.1614

Rectangle

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



37.9679, 29.1168, 14.9282



27.9599, 29.1168, 8.4833



19.4333, 29.1168, 57.8548



27.3914, 29.1168, 78.9773

Sweetspot

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



37.9686, 29.1183, 14.9287



78.5337, 76.9041, 72.7609



43.7582, 27.7176, 56.8737



16.4414, 15.9419, 14.7809



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.



37.9686, 29.1183, 14.9287



48.9731, 34.1565, 12.4300



47.3578, 47.8967, 18.0585



13.2450, 13.4294, 13.6196



17.8194, 9.9244, 0.9764



1.2121, 0.7583, 0.0825

Inverse Universe

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



37.6808, 47.5856, 74.2165



48.4244, 62.5213, 104.1233



26.7568, 25.7375, 70.5751



13.2347, 14.4092, 16.7358



17.2729, 22.4152, 43.1546



1.1722, 1.5586, 2.8135

Previews

White Background



This preview shows how the XYZ color 37.9679, 29.1168, 14.9282 looks on a white background.

Color Contrast Check

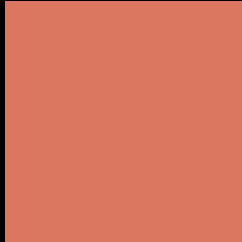
Large Text (above 18pt) WCAG AA ✓ Pass

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 37.9679, 29.1168, 14.9282 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 37.9679, 29.1168, 14.9282

Background



This preview shows how black text looks on a background with the XYZ color 37.9679, 29.1168, 14.9282.



This preview shows how white text looks on a background with the XYZ color 37.9679, 29.1168,

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

37.9679, 29.1168, 14.9282

Protanopia

27.2946, 29.2407, 18.6734

Deuteranopia

29.8608, 29.3050, 14.4385



Tritanopia

39.5876, 29.0889, 22.5970

Trichromacy



Original Color

37.9679, 29.1168, 14.9282

Protanomaly

30.3179, 28.6145, 17.2898

Deuteranomaly

32.4002, 28.9207, 14.4642

Tritanomaly

38.7979, 28.9213, 19.4571

Monochromacy



Original Color

37.9679, 29.1168, 14.9282

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

29.9340, 28.0511, 24.2588

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.9679, 29.1168, 14.9282 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(219, 119, 97)` looks like.

```
.text, #text, p{  
    color:rgb(219, 119, 97)  
}
```

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(219, 119, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 119, 97) }
```

Border

The CSS property to change the border of an element to XYZ 37.9679, 29.1168, 14.9282 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(219, 119, 97) }
```


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

```
.border{ border-color:rgb(219, 119, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 119, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 119, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 119, 97);  
box-shadow:4px 4px 4px 4px rgb(219, 119,  
97) }
```

Background

The CSS property to change the background color of an element to XYZ 37.9679, 29.1168, 14.9282 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 119, 97) }
```

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

```
.background{ background-color: rgb(219,  
119, 97) }
```

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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