

Converting Colors

XYZ(28.3263, 37.6979, 30.2096)

Have a look what the booklet for
XYZ(28.3263, 37.6979, 30.2096)
contains.

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Color

**XYZ(28.3263, 37.6979,
30.2096)**

Conversions

Conversions Part 1

Format	Color
Hex	78B28B
RGB	120, 178, 139
RGB Percent	47%, 70%, 55%
CMY	0.5294, 0.3019, 0.4549
CMYK	0.33, 0.00, 0.22, 0.30
HSL	140°, 27%, 58%
HSV	140°, 33%, 70%
XYZ	28.3263, 37.6979, 30.2096
YIQ	156.2120, -22.0490, -24.4250

Conversions

Conversions Part 2

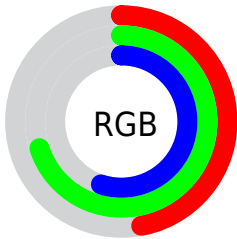
Format	Color
RYB	120, 164, 178
Decimal	7910027
CIELab	67.80, -27.22, 14.03
CIELCh	68, 30.621, 152.722
Yxy	37.6979, 0.2943, 0.3917
Android (android.graphics.Color)	4286100107 (0xFF78B28B)
YUV	156.2120, -8.4855, -31.7579
Hunter-Lab	61.3986, -25.0965, 13.8069

Details

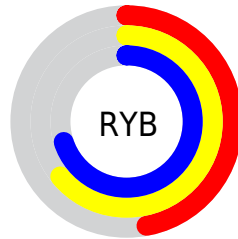
The XYZ color **28.3263, 37.6979, 30.2096** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **31.3358, 25.4019, 36.0538**, and the grayscale version is **31.7391, 33.3920, 36.3639**.

A 20% lighter version of the original color is **56.5040, 71.6946, 61.3124**, and **11.5910, 16.6537, 12.0548** is the 20% darker color. If you saturate the color by 10%, you get **25.2563, 36.2119, 25.7482**, and if you desaturate by 10%, it is **31.9531, 39.4620, 35.1986**.

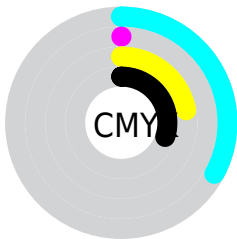
Distribution



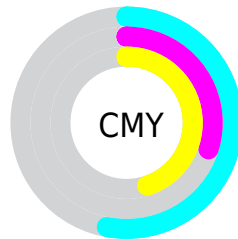
- Red (47%)
- Green (70%)
- Blue (55%)



- Red (47%)
- Yellow (64%)
- Blue (70%)



- Cyan (33%)
- Magenta (0%)
- Yellow (22%)
- Black (30%)





- Cyan (53%)
- Magenta (30%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.3263, 37.6979, 30.2096 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 28.3263, 37.6979, 30.2096 by changing the saturation by 10% instead.


 28.3263, 37.6979,
30.2096


 28.3263, 37.6979,
30.2096


286.0747,
336.3223, 317.1179


 18.7135, 25.7483,
19.7443


 56.4100, 71.6449,
61.0584

 11.5662, 16.6354,
12.0271


 75.6116, 94.4110,
82.2790

 6.5191, 9.9749,
6.6394


 98.7401, 121.5515,
107.9219

 3.2069, 5.3823,
3.1626

126.1610,
153.4507, 138.4054

 1.2641, 2.4733,
1.1783

158.2395,
190.4929, 174.1483

 0.1561, 0.8632,
0.0000

195.3411,

 0.0000, 0.0000,

233.0627, 215.5689

0.0000

237.8310,
281.5443, 263.0860

■ 28.3263, 37.6979,
30.2096

■ 28.3263, 37.6979,
30.2096

■ 25.2563, 36.2119,
25.7482

■ 31.9531, 39.4620,
35.1986

■ 22.7113, 34.9848,
21.7944

■ 36.1600, 41.5127,
40.7292

■ 20.6614, 34.0025,
18.3308


■ 40.9727, 43.8639,
46.8180


■ 19.0718, 33.2477,
15.3380


■ 46.4146, 46.5275,
53.4801


■ 17.9031, 32.7003,
12.7950


■ 52.5076, 49.5144,
60.7302


 17.1087, 32.3368,
10.6794

 59.2726, 52.8351,
68.5823

 16.6927, 32.1508,
9.3705

 66.7297, 56.4997,
77.0499

 72.1213, 59.0862,
86.0162

 73.9072, 59.8006,
95.4210

Harmonies

Analogous

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



31.1270, 37.6979, 22.7722



28.3263, 37.6979, 30.2096



27.4773, 37.6979, 42.2984

Triad

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



28.3263, 37.6979, 30.2096



36.2652, 37.6979, 73.0238



44.0572, 37.6979, 28.4935

Complementary

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



28.3263, 37.6979, 30.2096



31.3358, 25.4019, 36.0538

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.



45.7258, 37.6979, 39.8198



28.3263, 37.6979, 30.2096



40.9859, 37.6979, 67.1511

Square

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



28.3263, 37.6979, 30.2096



31.8144, 37.6979, 68.8864



44.5557, 37.6979, 54.2073



40.1716, 37.6979, 21.9457

Rectangle

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



28.3263, 37.6979, 30.2096



28.0653, 37.6979, 51.9750



44.5557, 37.6979, 54.2073



44.9107, 37.6979, 31.7687

Sweetspot

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



28.3273, 37.6995, 30.2104



67.5738, 76.2551, 76.4260



33.7359, 40.6344, 23.8348



14.7136, 16.7686, 16.6025



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



28.3273, 37.6995, 30.2104



47.3185, 66.4002, 48.9489



30.6763, 38.6391, 42.5800



8.4999, 9.5345, 9.6264



11.9695, 23.0138, 6.8424



0.4042, 0.7351, 0.3605

Inverse Universe

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



31.3358, 25.4019, 36.0538



53.6098, 40.6601, 61.1510



29.1495, 24.5274, 24.5412



8.7293, 8.5984, 10.0728



15.5790, 7.7492, 13.4751



0.5157, 0.2540, 0.5582

Previews

White Background



This preview shows how the XYZ color 28.3263, 37.6979, 30.2096 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 28.3263, 37.6979, 30.2096 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 28.3263, 37.6979, 30.2096

Background



This preview shows how black text looks on a background with the XYZ color 28.3263, 37.6979, 30.2096.



This preview shows how white text looks on a background with the XYZ color 28.3263, 37.6979,

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

28.3263, 37.6979, 30.2096

Protanopia

35.1195, 37.3308, 27.1844

Deuteranopia

37.9238, 37.1283, 31.1543



Tritanopia

32.5627, 37.6750, 51.4547

Trichromacy



Original Color

28.3263, 37.6979, 30.2096

Protanomaly

32.0787, 37.0938, 28.3908

Deuteranomaly

33.4419, 36.6498, 30.9027

Tritanomaly

30.8081, 37.5349, 42.6670

Monochromacy



Original Color

28.3263, 37.6979, 30.2096

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

30.1082, 34.5926, 33.9443

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.3263, 37.6979, 30.2096 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(120, 178, 139)` looks like.

```
.text, #text, p{  
    color:rgb(120, 178, 139)  
}
```

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(120, 178, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 178, 139) }
```

Border

The CSS property to change the border of an element to XYZ 28.3263, 37.6979, 30.2096 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(120, 178, 139) }
```


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

```
.border{ border-color:rgb(120, 178, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 178, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 178, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 178, 139);  
box-shadow:4px 4px 4px 4px rgb(120, 178,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 28.3263, 37.6979, 30.2096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 178, 139) }
```

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

```
.background{ background-color: rgb(120,  
178, 139) }
```

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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