

Converting Colors

XYZ(37.4024, 52.6523, 31.4525)

Have a look what the booklet for
XYZ(37.4024, 52.6523, 31.4525)
contains.

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Color

**XYZ(37.3977, 52.6127,
31.4768)**

Conversions

Conversions Part 1

Format	Color
Hex	88D188
RGB	136, 209, 136
RGB Percent	53%, 82%, 53%
CMY	0.4667, 0.1804, 0.4667
CMYK	0.35, 0.00, 0.35, 0.18
HSL	120°, 44%, 68%
HSV	120°, 35%, 82%
XYZ	37.3977, 52.6127, 31.4768
YIQ	178.8510, -20.0750, -38.1790

Conversions

Conversions Part 2

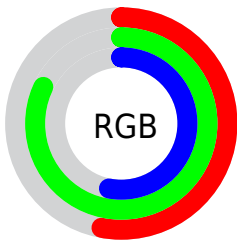
Format	Color
RYB	136, 209, 209
Decimal	8966536
CIELab	77.65, -37.26, 29.21
CIELCh	78, 47.348, 141.900
Yxy	52.6127, 0.3078, 0.4331
Android (android.graphics.Color)	4287156616 (0xFF88D188)
YUV	178.8510, -21.1255, -37.5803
Hunter-Lab	72.5346, -34.9038, 25.0450

Details

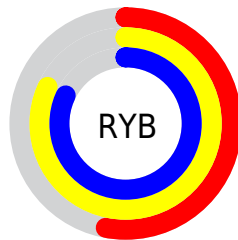
The XYZ color **37.3977, 52.6127, 31.4768** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **46.6089, 35.7680, 64.7706**, and the grayscale version is **42.8861, 45.1195, 49.1351**.

A 20% lighter version of the original color is **66.7925, 86.4442, 61.8803**, and **16.6750, 25.5609, 12.6492** is the 20% darker color. If you saturate the color by 10%, you get **32.9853, 50.4948, 24.2585**, and if you desaturate by 10%, it is **42.7643, 55.1921, 40.2538**.

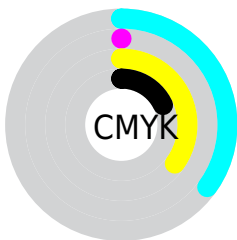
Distribution



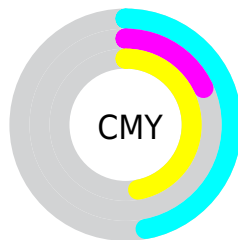
- Red (53%)
- Green (82%)
- Blue (53%)



- Red (53%)
- Yellow (82%)
- Blue (82%)



- Cyan (35%)
- Magenta (0%)
- Yellow (35%)
- Black (18%)



- Cyan (47%)
- Magenta (18%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.3977, 52.6127, 31.4768 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 37.3977, 52.6127, 31.4768 by changing the saturation by 10% instead.

■ 37.3977, 52.6127,
31.4768

■ 37.3977, 52.6127,
31.4768

326.3549,
396.7974, 323.1479

■ 25.6906, 37.4937,
20.7007

■ 70.4939, 94.0342,
63.0783

■ 16.7238, 25.5900,
12.7163

■ 92.6137, 121.1055,
84.7408

■ 10.1319, 16.5171,
7.1050

■ 118.9352,
152.9297, 110.8692

■ 5.5494, 9.8908,
3.4484

149.8237,
189.8911, 141.8819

■ 2.6111, 5.3266,
1.3279

185.6446,
232.3742, 178.1976

■ 0.9516, 2.4402,
0.0845

226.7632,

■ 0.0000, 0.8464,

280.7634, 220.2349

0.0000

273.5448,
335.4430, 268.4121

■ 0.0000, 0.0000,
0.0000

■ 37.3977, 52.6127,
31.4768

■ 37.3977, 52.6127,
31.4768

■ 32.9853, 50.4948,
24.2585

■ 42.7643, 55.1921,
40.2538

■ 29.4676, 48.8050,
18.5046

■ 49.1321, 58.2509,
50.6695

■ 26.7845, 47.5162,
14.1159

■ 56.5499, 61.8141,
62.8025

■ 24.8672, 46.5953,
10.9797

■ 65.0621, 65.9029,
76.7256

■ 23.6357, 46.0037,
8.9652

■ 74.7105, 70.5375,
92.5071

■ 22.9924, 45.6947,
7.9128

■ 82.0915, 74.0830,
104.5805

■ 22.8015, 45.6030,
7.6006

Harmonies

Analogous

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



43.7261, 52.6127, 22.0947



37.3977, 52.6127, 31.4768



34.5298, 52.6127, 50.4748

Triad

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



37.3977, 52.6127, 31.4768



47.5681, 52.6127, 123.0686



68.1757, 52.6127, 40.4695

Complementary

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



37.3977, 52.6127, 31.4768



46.6089, 35.7680, 64.7706

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.



69.5301, 52.6127, 64.6846



37.3977, 52.6127, 31.4768



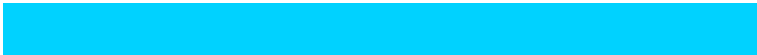
56.8618, 52.6127, 117.9238

Square

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



37.3977, 52.6127, 31.4768



39.9156, 52.6127, 106.8023



65.1724, 52.6127, 94.3494



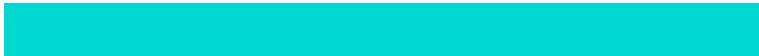
61.6698, 52.6127, 26.0748

Rectangle

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



37.3977, 52.6127, 31.4768



34.6884, 52.6127, 68.3198



65.1724, 52.6127, 94.3494



69.2780, 52.6127, 47.5096

Sweetspot

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



37.3990, 52.6149, 31.4780



82.4458, 93.9455, 88.2837



53.5412, 60.9365, 32.2328



17.2975, 19.9404, 18.3250



0.0000, 0.0000, 0.0000



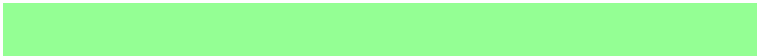
20.3446, 21.4041, 23.3091

Same Dimension

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



37.3990, 52.6149, 31.4780



53.2922, 79.9416, 40.5979



40.4497, 53.8352, 47.5425



11.6564, 13.2063, 12.5468



14.0581, 28.1162, 4.6861



0.7860, 1.5721, 0.2620

Inverse Universe

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



46.6089, 35.7680, 64.7706



69.8638, 49.6283, 100.5028



42.5947, 34.1623, 43.6322



12.3108, 12.0091, 14.9127



23.3079, 11.1960, 38.1233



1.3032, 0.6260, 2.1316

Previews

White Background



This preview shows how the XYZ color 37.3977, 52.6127, 31.4768 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 37.3977, 52.6127, 31.4768 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 37.3977, 52.6127, 31.4768

Background



This preview shows how black text looks on a background with the XYZ color 37.3977, 52.6127, 31.4768.



This preview shows how white text looks on a background with the XYZ color 37.3977, 52.6127,

31.4768.

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

37.3977, 52.6127, 31.4768

Protanopia

48.2592, 52.0855, 27.9321

Deuteranopia

52.8673, 51.8275, 32.8085



Tritanopia

45.4517, 52.3325, 71.9956

Trichromacy



Original Color

37.3977, 52.6127, 31.4768



Protanomaly

43.3469, 51.8506, 29.1963



Deuteranomaly

45.5756, 50.9302, 32.2394



Tritanomaly

42.0729, 52.3680, 54.3449

Monochromacy



Original Color

37.3977, 52.6127, 31.4768



Achromatopsia

42.8472, 45.0786, 49.0906



Achromatomaly

40.1286, 47.2578, 41.6570

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.3977, 52.6127, 31.4768 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(136, 209, 136)` looks like.

```
.text, #text, p{  
    color:rgb(136, 209, 136)  
}
```

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(136, 209, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 209, 136) }
```

Border

The CSS property to change the border of an element to XYZ 37.3977, 52.6127, 31.4768 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(136, 209, 136) }
```


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

```
.border{ border-color:rgb(136, 209, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 209, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(136, 209, 136); -webkit-box-shadow:4px 4px 4px 4px rgb(136, 209, 136); box-shadow:4px 4px 4px 4px rgb(136, 209, 136) }
```

Background

The CSS property to change the background color of an element to XYZ 37.3977, 52.6127, 31.4768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 209, 136) }
```

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

```
.background{ background-color: rgb(136,  
209, 136) }
```

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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