

Converting Colors

XYZ(27.2510, 37.8414, 51.1643)

Have a look what the booklet for
XYZ(27.2510, 37.8414, 51.1643)
contains.

XYZ(27.3041, 37.9087, 51.2254)	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(27.3041, 37.9087,
51.2254)**

Conversions

Conversions Part 1

Format	Color
Hex	3DB6B8
RGB	61, 182, 184
RGB Percent	24%, 71%, 72%
CMY	0.7608, 0.2863, 0.2784
CMYK	0.67, 0.01, 0.00, 0.28
HSL	181°, 50%, 48%
HSV	181°, 67%, 72%
XYZ	27.3041, 37.9087, 51.2254
YIQ	146.0490, -72.7580, -25.0300

Conversions

Conversions Part 2

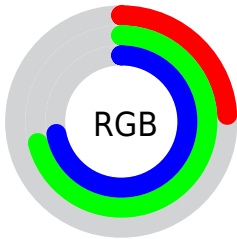
Format	Color
RYB	61, 122, 184
Decimal	4044472
CIELab	67.95, -31.95, -10.80
CIElCh	68, 33.731, 198.680
Yxy	37.9087, 0.2345, 0.3256
Android (android.graphics.Color)	4282234552 (0xFF3DB6B8)
YUV	146.0490, 18.7098, -74.5880
Hunter-Lab	61.5700, -28.5892, -6.2294




Details

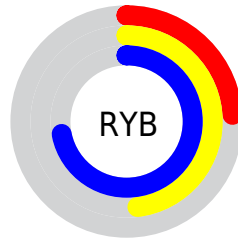
The XYZ color **27.3041, 37.9087, 51.2254** is a dark color, and the websafe version is hex **66CCCC**. A complement of this color would be **22.3877, 14.0830, 5.9541**, and the grayscale version is **27.2900, 28.7112, 31.2665**.




A 20% lighter version of the original color is **54.7602, 71.8003, 93.4108**, and **11.9470, 17.3392, 24.1899** is the 20% darker color. If you saturate the color by 10%, you get **26.2991, 37.3006, 51.1617**, and if you desaturate by 10%, it is **28.7000, 38.7202, 51.3091**.

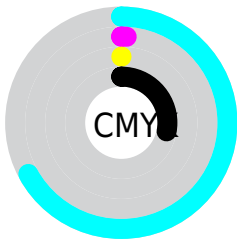
Distribution







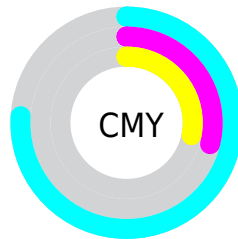
-  Red (24%)
-  Green (71%)
-  Blue (72%)






-  Red (24%)
-  Yellow (48%)
-  Blue (72%)



-  Cyan (67%)
-  Magenta (1%)
-  Yellow (0%)
-  Black (28%)



-  Cyan (76%)
-  Magenta (29%)
-  Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.3041, 37.9087, 51.2254 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 27.3041, 37.9087, 51.2254 by changing the saturation by 10% instead.

■ 27.3041, 37.9087,
51.2254

■ 27.3041, 37.9087,
51.2254

281.2673,
337.2282, 408.3104

■ 17.9395, 25.9118,
36.0100

■ 54.7879, 71.9682,
93.4028

■ 11.0060, 16.7577,
24.1522

■ 73.6379, 94.7996,
121.2019

■ 6.1382, 10.0619,
15.2333

■ 96.3803, 122.0113,
154.0327

■ 2.9707, 5.4400,
8.8349

■ 123.3806,
153.9877, 192.3136

■ 1.1383, 2.5077,
4.5383

■ 155.0041,
191.1132, 236.4634

■ 0.0568, 0.8805,
1.9250

191.6161,

■ 0.0000, 0.0000,

233.7722, 286.9004

0.5086

233.5821,
282.3490, 344.0432

■ 0.0000, 0.0000,
0.0000

■ 27.3041, 37.9087,
51.2254

■ 27.3041, 37.9087,
51.2254

■ 26.2991, 37.3006,
51.1617

■ 28.7000, 38.7202,
51.3091

■ 25.6398, 36.8702,
51.1134

■ 30.5193, 39.7492,
51.4119

■ 25.2700, 36.5891,
51.0786

■ 32.7946, 41.0135,
51.5360

■ 25.1781, 36.5133,
51.0688

■ 35.5548, 42.5281,
51.6829

■ 38.8263, 44.3063,
51.8537

■ 42.6335, 46.3610,
52.0496

■ 46.9992, 48.7037,
52.2717

■ 51.9451, 51.3458,
52.5210

■ 57.4915, 54.2976,
52.7984

Harmonies

Analogous

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



27.0268, 37.9087, 35.8672



27.3041, 37.9087, 51.2254



29.7795, 37.9087, 66.9626

Triad

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



27.3041, 37.9087, 51.2254



44.1405, 37.9087, 63.4108



38.0452, 37.9087, 18.9541

Complementary

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



27.3041, 37.9087, 51.2254



22.3877, 14.0830, 5.9541

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.



43.1016, 37.9087, 23.1757



27.3041, 37.9087, 51.2254



46.8414, 37.9087, 47.2032

Square

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



27.3041, 37.9087, 51.2254



39.3555, 37.9087, 75.0912



46.4438, 37.9087, 32.7065



32.8993, 37.9087, 19.5305

Rectangle

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



27.3041, 37.9087, 51.2254



32.4905, 37.9087, 74.4157



46.4438, 37.9087, 32.7065



39.8199, 37.9087, 19.8079

Sweetspot

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



27.3052, 37.9101, 51.2263



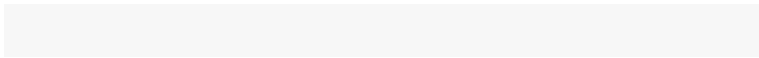
68.2046, 79.1354, 93.8845



19.9081, 35.6108, 10.2401



14.3464, 16.8659, 20.2209



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



27.3052, 37.9101, 51.2263



47.0638, 67.2284, 92.7005



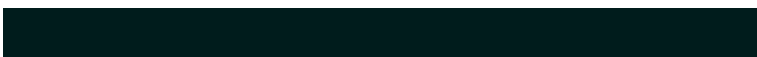
17.5982, 18.4961, 47.9906



9.2538, 10.1849, 11.5576



17.3577, 25.1750, 35.1975



0.6159, 0.8955, 1.2421

Inverse Universe

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



29.8803, 16.9062, 45.9459



52.1133, 26.6720, 82.2044



27.6315, 24.5706, 7.7020



9.3745, 9.1602, 11.3194



19.3750, 9.3238, 30.9254



0.6850, 0.3295, 1.1008

Previews

White Background



This preview shows how the XYZ color 27.3041, 37.9087, 51.2254 looks on a white background.

Color Contrast Check

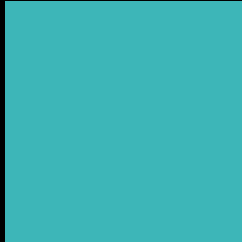
Large Text (above 18pt) WCAG AA × Fail

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 27.3041, 37.9087, 51.2254 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

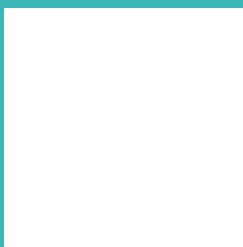
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.3041, 37.9087, 51.2254

Background



This preview shows how black text looks on a background with the XYZ color 27.3041, 37.9087, 51.2254.

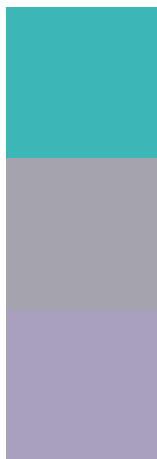


This preview shows how white text looks on a background with the XYZ color 27.3041, 37.9087,

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

27.3041, 37.9087, 51.2254

Protanopia

36.1571, 37.2108, 44.8119

Deuteranopia

38.1183, 37.2508, 53.3252



Tritanopia

28.4863, 37.7759, 57.4199

Trichromacy



Original Color

27.3041, 37.9087, 51.2254



Protanomaly

31.0629, 36.4358, 46.9906



Deuteranomaly

32.1782, 36.3389, 52.3319



Tritanomaly

28.1078, 37.9332, 55.1306

Monochromacy



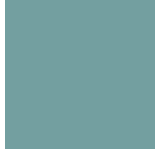
Original Color

27.3041, 37.9087, 51.2254



Achromatopsia

27.3213, 28.7441, 31.3023



Achromatomaly

25.8135, 30.9792, 37.8768

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.3041, 37.9087, 51.2254 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(61, 182, 184)` looks like.

```
.text, #text, p{  
    color:rgb(61, 182, 184)  
}
```

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(61, 182, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 182, 184) }
```

Border

The CSS property to change the border of an element to XYZ 27.3041, 37.9087, 51.2254 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(61, 182, 184) }
```


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

```
.border{ border-color:rgb(61, 182, 184) }
```

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

Here you see how a box with a 4 pixel rgb(61, 182, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 182, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 182, 184);  
box-shadow:4px 4px 4px 4px rgb(61, 182,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 27.3041, 37.9087, 51.2254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 182, 184) }
```

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

```
.background{ background-color: rgb(61, 182,  
184) }
```

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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