

Converting Colors

XYZ(28.2900, 37.5665, 52.4689)

Have a look what the booklet for
XYZ(28.2900, 37.5665, 52.4689)
contains.

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Color

**XYZ(28.2075, 37.4476,
52.1958)**

Conversions

Conversions Part 1

Format	Color
Hex	4FB3BA
RGB	79, 179, 186
RGB Percent	31%, 70%, 73%
CMY	0.6902, 0.2980, 0.2706
CMYK	0.58, 0.04, 0.00, 0.27
HSL	184°, 44%, 52%
HSV	184°, 58%, 73%
XYZ	28.2075, 37.4476, 52.1958
YIQ	149.8980, -61.8470, -19.0230

Conversions

Conversions Part 2

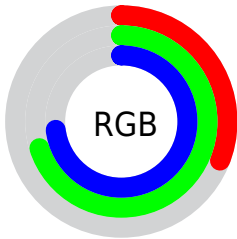
Format	Color
RYB	79, 131, 186
Decimal	5223354
CIELab	67.61, -26.88, -12.37
CIELCh	68, 29.591, 204.708
Yxy	37.4476, 0.2393, 0.3178
Android (android.graphics.Color)	4283413434 (0xFF4FB3BA)
YUV	149.8980, 17.7983, -62.1775
Hunter-Lab	61.1944, -24.8109, -7.7353

Details

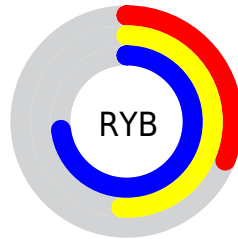
The XYZ color **28.2075, 37.4476, 52.1958** is a dark color, and the websafe version is hex **66CCCC**. A complement of this color would be **24.9896, 17.6602, 9.4899**, and the grayscale version is **28.8931, 30.3978, 33.1032**.

A 20% lighter version of the original color is **56.2166, 71.2307, 94.7904**, and **11.6945, 16.6152, 24.7810** is the 20% darker color. If you saturate the color by 10%, you get **26.6290, 36.2743, 52.0532**, and if you desaturate by 10%, it is **30.2232, 38.8512, 52.3612**.

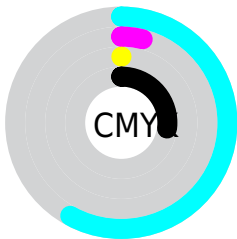
Distribution



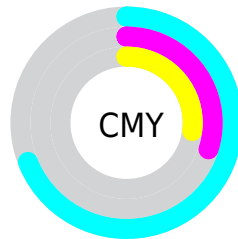
- Red (31%)
- Green (70%)
- Blue (73%)



- Red (31%)
- Yellow (51%)
- Blue (73%)



- Cyan (58%)
- Magenta (4%)
- Yellow (0%)
- Black (27%)



- Cyan (69%)
- Magenta (30%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.2075, 37.4476, 52.1958 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 28.2075, 37.4476, 52.1958 by changing the saturation by 10% instead.

■ 28.2075, 37.4476,
52.1958

■ 28.2075, 37.4476,
52.1958

285.5192,
335.2443, 412.1705

■ 18.6234, 25.5542,
36.7779

■ 56.2219, 71.2607,
94.8495

■ 11.5009, 16.4905,
24.7411

■ 75.3829, 93.9491,
122.9222

■ 6.4745, 9.8719,
15.6670

■ 98.4669, 121.0048,
156.0504

■ 3.1791, 5.3141,
9.1370

■ 125.8392,
152.8120, 194.6525

■ 1.2492, 2.4327,
4.7326

157.8652,
189.7552, 239.1469

■ 0.1447, 0.8426,
2.0353

194.9104,

■ 0.0000, 0.0000,

232.2187, 289.9524

0.5768

237.3399,
280.5869, 347.4874

■ 0.0000, 0.0000,
0.0000

■ 28.2075, 37.4476,
52.1958

■ 28.2075, 37.4476,
52.1958

■ 26.6290, 36.2743,
52.0532

■ 30.2232, 38.8512,
52.3612

■ 25.4472, 35.3078,
51.9289

■ 32.7056, 40.4977,
52.5481

■ 24.6199, 34.5273,
51.8219

■ 35.6855, 42.4039,
52.7590

■ 24.0831, 33.8997,
51.7290

■ 39.1901, 44.5838,
52.9951

■ 23.9672, 33.7536,
51.7069

■ 43.2447, 47.0505,
53.2575

■ 47.8728, 49.8161,
53.5474

■ 53.0968, 52.8920,
53.8657

■ 58.9376, 56.2892,
54.2136

■ 65.4152, 60.0180,
54.5919

Harmonies

Analogous

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



27.5572, 37.4476, 38.5019



28.2075, 37.4476, 52.1958



30.7641, 37.4476, 64.8939

Triad

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



28.2075, 37.4476, 52.1958



43.2392, 37.4476, 57.0688



36.4075, 37.4476, 20.5343

Complementary

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



28.2075, 37.4476, 52.1958



24.9896, 17.6602, 9.4899

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.



40.9021, 37.4476, 23.5216



28.2075, 37.4476, 52.1958



45.0559, 37.4476, 43.1339

Square

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



28.2075, 37.4476, 52.1958



39.3847, 37.4476, 68.1021



44.1663, 37.4476, 31.1534



32.0524, 37.4476, 21.9531

Rectangle

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



28.2075, 37.4476, 52.1958



33.3303, 37.4476, 70.1060



44.1663, 37.4476, 31.1534



37.9555, 37.4476, 21.0332

Sweetspot

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



28.2086, 37.4490, 52.1967



71.1998, 80.9119, 96.0663



22.3983, 37.4265, 14.5043



15.3790, 17.6332, 21.1356



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



28.2086, 37.4490, 52.1967



47.6385, 65.2548, 94.2860



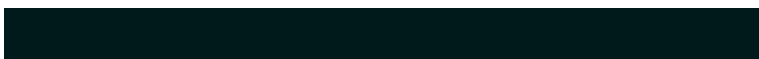
19.6973, 20.4263, 49.3596



9.2150, 10.1073, 11.5447



16.1456, 22.7508, 34.7935



0.5844, 0.8324, 1.2316

Inverse Universe

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



31.1834, 19.2869, 44.7284



53.6951, 29.7543, 78.7491



30.7290, 29.1388, 11.4030



9.3549, 9.1523, 11.2162



18.7632, 9.0790, 27.7036



0.6691, 0.3231, 1.0170

Previews

White Background



This preview shows how the XYZ color 28.2075, 37.4476, 52.1958 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 28.2075, 37.4476, 52.1958 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

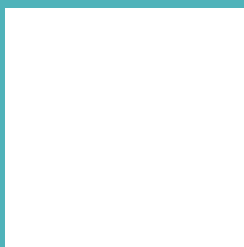
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.2075, 37.4476, 52.1958

Background



This preview shows how black text looks on a background with the XYZ color 28.2075, 37.4476, 52.1958.

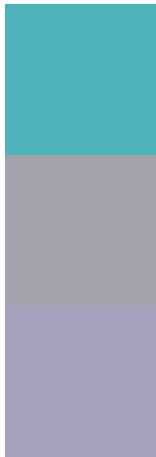


This preview shows how white text looks on a background with the XYZ color 28.2075, 37.4476,

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

28.2075, 37.4476, 52.1958

Protanopia

36.0379, 37.1155, 46.3389

Deuteranopia

37.8014, 37.0748, 53.8790



Tritanopia

28.9145, 37.4404, 55.5719

Trichromacy



Original Color

28.2075, 37.4476, 52.1958

Protanomaly

31.9419, 36.5768, 48.5565

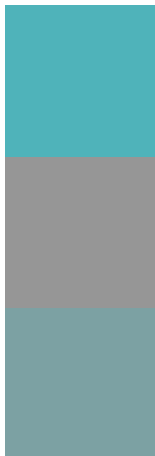
Deuteranomaly

32.9957, 36.4625, 53.4430

Tritanomaly

28.6080, 37.3078, 54.4085

Monochromacy



Original Color

28.2075, 37.4476, 52.1958

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

27.6679, 32.4192, 39.4496

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.2075, 37.4476, 52.1958 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(79, 179, 186)` looks like.

```
.text, #text, p{  
    color:rgb(79, 179, 186)  
}
```

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(79, 179, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 179, 186) }
```

Border

The CSS property to change the border of an element to XYZ 28.2075, 37.4476, 52.1958 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(79, 179, 186) }
```


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

```
.border{ border-color:rgb(79, 179, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 179, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 179, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 179, 186);  
box-shadow:4px 4px 4px 4px rgb(79, 179,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 28.2075, 37.4476, 52.1958 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 179, 186) }
```

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

```
.background{ background-color: rgb(79, 179,  
186) }
```

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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