

Converting Colors

XYZ(29.4215, 37.4610, 53.2583)

Have a look what the booklet for
XYZ(29.4215, 37.4610, 53.2583)
contains.

XYZ(29.4153, 37.4548, 53.2561)	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(29.4153, 37.4548,
53.2561)**

Conversions

Conversions Part 1

Format	Color
Hex	5EB1BC
RGB	94, 177, 188
RGB Percent	37%, 69%, 74%
CMY	0.6314, 0.3059, 0.2627
CMYK	0.50, 0.06, 0.00, 0.26
HSL	187°, 41%, 55%
HSV	187°, 50%, 74%
XYZ	29.4153, 37.4548, 53.2561
YIQ	153.4370, -52.9990, -14.1750

Conversions

Conversions Part 2

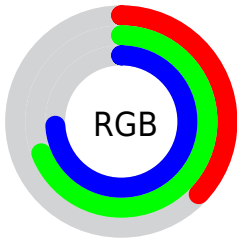
Format	Color
R_{YB}	94, 138, 188
Decimal	6205884
CIE _{Lab}	67.62, -22.21, -13.41
CIE _{LCh}	68, 25.947, 211.126
Yxy	37.4548, 0.2449, 0.3118
Android (android.graphics.Color)	4284395964 (0xFF5EB1BC)
YUV	153.4370, 17.0396, -52.1262
Hunter-Lab	61.2003, -21.3064, -8.7535

Details

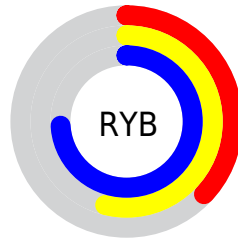
The XYZ color **29.4153, 37.4548, 53.2561** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **27.8117, 21.6033, 13.2946**, and the grayscale version is **30.4142, 31.9982, 34.8460**.

A 20% lighter version of the original color is **58.2305, 71.3888, 96.2983**, and **12.1765, 16.4716, 25.4592** is the 20% darker color. If you saturate the color by 10%, you get **27.2865, 35.7184, 53.0338**, and if you desaturate by 10%, it is **32.0228, 39.4501, 53.5045**.

Distribution



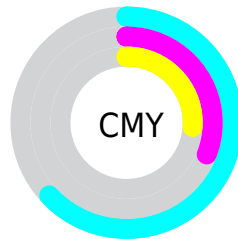
- Red (37%)
- Green (69%)
- Blue (74%)



- Red (37%)
- Yellow (54%)
- Blue (74%)



- Cyan (50%)
- Magenta (6%)
- Yellow (0%)
- Black (26%)



- Cyan (63%)
- Magenta (31%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.4153, 37.4548, 53.2561 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 29.4153, 37.4548, 53.2561 by changing the saturation by 10% instead.

■ 29.4153, 37.4548,
53.2561

■ 29.4153, 37.4548,
53.2561

291.1284,
335.2754, 416.3610

■ 19.5411, 25.5598,
37.6181

■ 58.1293, 71.2717,
96.4265

■ 12.1682, 16.4946,
25.3869

■ 77.6997, 93.9624,
124.7960

■ 6.9314, 9.8748,
16.1439

■ 101.2330,
121.0205, 158.2464

■ 3.4652, 5.3160,
9.4706

■ 129.0944,
152.8304, 197.1962

■ 1.4043, 2.4339,
4.9484

161.6492,
189.7764, 242.0641

■ 0.2593, 0.8432,
2.1588

199.2630,

■ 0.0000, 0.0000,

232.2430, 293.2685

0.6504

242.3009,
280.6145, 351.2279

■ 0.0000, 0.0000,
0.0000

■ 29.4153, 37.4548,
53.2561

■ 29.4153, 37.4548,
53.2561

■ 27.2865, 35.7184,
53.0338

■ 32.0228, 39.4501,
53.5045

■ 25.5984, 34.2186,
52.8333

■ 35.1370, 41.7162,
53.7777

■ 24.3126, 32.9366,
52.6536

■ 38.7874, 44.2692,
54.0781

■ 23.3823, 31.8481,
52.4925

■ 43.0005, 47.1229,
54.4069

■ 22.7143, 30.9049,
52.3457

■ 47.8009, 50.2899,
54.7652

■ 22.7142, 30.9048,
52.3457

■ 53.2119, 53.7823,
55.1541

■ 59.2552, 57.6114,
55.5746

■ 65.9519, 61.7880,
56.0279

■ 70.2382, 64.7328,
56.3704

Harmonies

Analogous

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



28.4526, 37.4548, 41.2162



29.4153, 37.4548, 53.2561



32.0146, 37.4548, 63.2626

Triad

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



29.4153, 37.4548, 53.2561



42.7658, 37.4548, 52.3655



35.4488, 37.4548, 22.4906

Complementary

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



29.4153, 37.4548, 53.2561



27.8117, 21.6033, 13.2946

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.



39.4429, 37.4548, 24.3791



29.4153, 37.4548, 53.2561



43.8533, 37.4548, 40.3507

Square

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



29.4153, 37.4548, 53.2561



39.7238, 37.4548, 62.6844



42.5952, 37.4548, 30.4256



31.7713, 37.4548, 24.6875

Rectangle

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



29.4153, 37.4548, 53.2561



34.4268, 37.4548, 66.6358



42.5952, 37.4548, 30.4256



36.7989, 37.4548, 22.6654

Sweetspot

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



29.4164, 37.4562, 53.2570



73.7944, 82.6189, 98.2839



25.1482, 39.3661, 19.6296



15.5291, 17.5356, 21.1088



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.



29.4164, 37.4562, 53.2570



49.1167, 64.4474, 96.0771



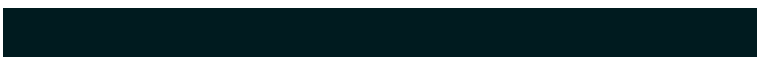
21.6812, 21.9857, 50.6786



9.7107, 10.6137, 12.2091



15.5001, 21.1120, 35.6510



0.6345, 0.8816, 1.4056

Inverse Universe

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



32.6785, 21.8721, 44.0959



55.8967, 33.6770, 76.6725



33.9831, 33.9461, 15.3517



9.8806, 9.6765, 11.7602



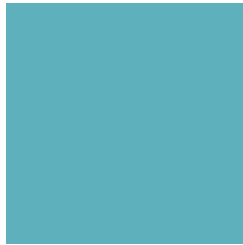
18.8245, 9.1610, 25.4332



0.7512, 0.3644, 1.0688

Previews

White Background



This preview shows how the XYZ color 29.4153, 37.4548, 53.2561 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 29.4153, 37.4548, 53.2561 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

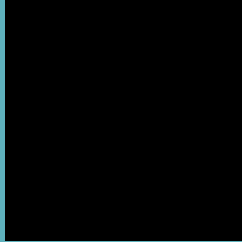
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 29.4153, 37.4548, 53.2561

Background



This preview shows how black text looks on a background with the XYZ color 29.4153, 37.4548, 53.2561.



This preview shows how white text looks on a background with the XYZ color 29.4153, 37.4548,

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

29.4153, 37.4548, 53.2561

Protanopia

36.1342, 37.1304, 47.9102

Deuteranopia

37.8111, 37.0544, 55.0285



Tritanopia

29.8454, 37.6388, 54.9822

Trichromacy



Original Color

29.4153, 37.4548, 53.2561

Protanomaly

32.7627, 36.7010, 49.6132

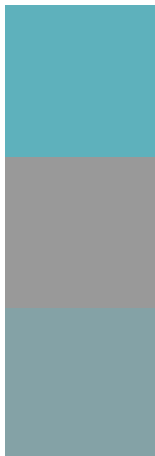
Deuteranomaly

33.8554, 36.6095, 54.5722

Tritanomaly

29.7357, 37.5949, 54.4045

Monochromacy



Original Color

29.4153, 37.4548, 53.2561

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

29.3190, 33.4994, 40.9971

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.4153, 37.4548, 53.2561 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(94, 177, 188)` looks like.

```
.text, #text, p{  
    color:rgb(94, 177, 188)  
}
```

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(94, 177, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 177, 188) }
```

Border

The CSS property to change the border of an element to XYZ 29.4153, 37.4548, 53.2561 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(94, 177, 188) }
```


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

```
.border{ border-color:rgb(94, 177, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 177, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 177, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 177, 188);  
box-shadow:4px 4px 4px 4px rgb(94, 177,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 29.4153, 37.4548, 53.2561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 177, 188) }
```

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

```
.background{ background-color: rgb(94, 177,  
188) }
```

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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