

Converting Colors

XYZ(29.0235, 36.7662, 52.9279)

Have a look what the booklet for
XYZ(29.0235, 36.7662, 52.9279)
contains.

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Color

**XYZ(29.0232, 36.6705,
53.1254)**

Conversions

Conversions Part 1

Format	Color
Hex	5EAFBC
RGB	94, 175, 188
RGB Percent	37%, 69%, 74%
CMY	0.6314, 0.3137, 0.2627
CMYK	0.50, 0.07, 0.00, 0.26
HSL	188°, 41%, 55%
HSV	188°, 50%, 74%
XYZ	29.0232, 36.6705, 53.1254
YIQ	152.2630, -52.4490, -13.1290

Conversions

Conversions Part 2

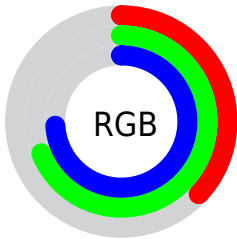
Format	Color
R_{YB}	94, 138, 188
Decimal	6205372
CIE _{Lab}	67.03, -21.19, -14.30
CIE _{LCh}	67, 25.560, 214.011
Yxy	36.6705, 0.2443, 0.3086
Android (android.graphics.Color)	4284395452 (0xFF5EAFBC)
YUV	152.2630, 17.6183, -51.0967
Hunter-Lab	60.5562, -20.4223, -9.6253

Details

The XYZ color **29.0232, 36.6705, 53.1254** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **28.0179, 22.0157, 13.3635**, and the grayscale version is **29.9021, 31.4594, 34.2593**.

A 20% lighter version of the original color is **57.4827, 70.1675, 96.1020**, and **11.9284, 15.9754, 25.3765** is the 20% darker color. If you saturate the color by 10%, you get **26.8243, 34.7938, 52.8797**, and if you desaturate by 10%, it is **31.7036, 38.8116, 53.3980**.

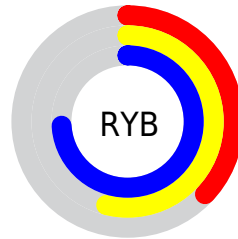
Distribution



Red (37%)

Green (69%)

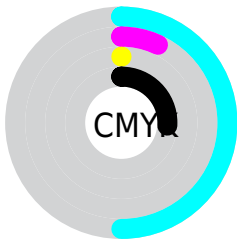
Blue (74%)



Red (37%)

Yellow (54%)

Blue (74%)

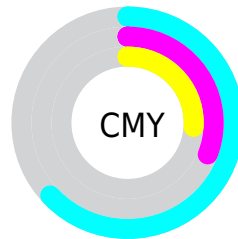


Cyan (50%)

Magenta (7%)

Yellow (0%)

Black (26%)



Cyan (63%)

Magenta (31%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.0232, 36.6705, 53.1254 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 29.0232, 36.6705, 53.1254 by changing the saturation by 10% instead.

■ 29.0232, 36.6705,
53.1254

■ 29.0232, 36.6705,
53.1254

289.3166,
331.8818, 415.8460

■ 19.2427, 24.9525,
37.5145

■ 57.5112, 70.0657,
96.2323

■ 11.9509, 16.0417,
25.3072

■ 76.9495, 92.5117,
124.5653

■ 6.7822, 9.5536,
16.0850

■ 100.3378,
119.3025, 157.9761

■ 3.3714, 5.1040,
9.4293

■ 128.0415,
150.8224, 196.8833

■ 1.3531, 2.3084,
4.9216

160.4258,
187.4559, 241.7053

■ 0.2224, 0.7782,
2.1434

197.8562,

■ 0.0000, 0.0000,

229.5874, 292.8607

0.6414

240.6980,
277.6012, 350.7681

■ 0.0000, 0.0000,
0.0000

■ 29.0232, 36.6705,
53.1254

■ 29.0232, 36.6705,
53.1254

■ 26.8243, 34.7938,
52.8797

■ 31.7036, 38.8116,
53.3980

■ 25.0687, 33.1591,
52.6567

■ 34.8934, 41.2289,
53.6965

■ 23.7181, 31.7476,
52.4554

■ 38.6223, 43.9388,
54.0231

■ 22.7258, 30.5350,
52.2737

■ 42.9166, 46.9550,
54.3789

■ 21.9983, 29.4730,
52.1071

■ 47.8011, 50.2901,
54.7652

■ 21.9982, 29.4728,
52.1070

■ 53.2990, 53.9563,
55.1831

■ 59.4321, 57.9649,
55.6336

■ 66.2214, 62.3267,
56.1176

■ 70.6030, 65.4625,
56.4920

Harmonies

Analogous

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



27.9229, 36.6705, 41.4427



29.0232, 36.6705, 53.1254



31.6832, 36.6705, 62.4028

Triad

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



29.0232, 36.6705, 53.1254



42.0070, 36.6705, 50.0521



34.3345, 36.6705, 22.1675

Complementary

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



29.0232, 36.6705, 53.1254



28.0179, 22.0157, 13.3635

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.



38.2300, 36.6705, 23.6238



29.0232, 36.6705, 53.1254



42.8470, 36.6705, 38.4505

Square

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



29.0232, 36.6705, 53.1254



39.2004, 36.6705, 60.4097



41.4182, 36.6705, 29.1200



30.8417, 36.6705, 24.6939

Rectangle

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



29.0232, 36.6705, 53.1254



34.0808, 36.6705, 65.1989



41.4182, 36.6705, 29.1200



35.6392, 36.6705, 22.2110

Sweetspot

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



29.0243, 36.6719, 53.1263



73.5642, 82.1586, 98.2072



25.2296, 39.3987, 20.0576



15.4730, 17.4233, 21.0901



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.



29.0243, 36.6719, 53.1263



48.2665, 62.7470, 95.7937



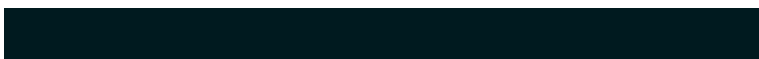
21.4744, 21.5720, 50.6096



9.6931, 10.5784, 12.2032



15.0178, 20.1473, 35.4902



0.6197, 0.8521, 1.4007

Inverse Universe

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



32.4806, 21.7930, 43.0535



55.4676, 33.5053, 74.4128



34.2390, 34.4580, 15.4372



9.8717, 9.6730, 11.7132



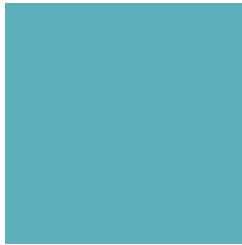
18.5811, 9.0636, 24.1512



0.7437, 0.3614, 1.0296

Previews

White Background



This preview shows how the XYZ color 29.0232, 36.6705, 53.1254 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 29.0232, 36.6705, 53.1254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

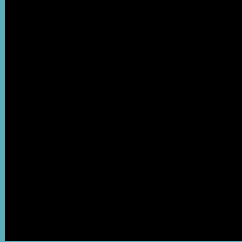
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 29.0232, 36.6705, 53.1254

Background



This preview shows how black text looks on a background with the XYZ color 29.0232, 36.6705, 53.1254.



This preview shows how white text looks on a background with the XYZ color 29.0232, 36.6705,

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

29.0232, 36.6705, 53.1254

Protanopia

35.3788, 36.2180, 47.7739

Deuteranopia

37.0511, 36.1520, 54.8944



Tritanopia

29.1314, 36.7138, 53.6952

Trichromacy



Original Color

29.0232, 36.6705, 53.1254

Protanomaly

32.2331, 35.8841, 49.4834

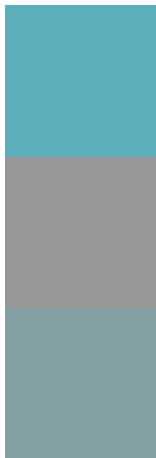
Deuteranomaly

33.3269, 35.8015, 54.4441

Tritanomaly

29.1314, 36.7138, 53.6952

Monochromacy



Original Color

29.0232, 36.6705, 53.1254

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

28.7224, 32.6835, 40.3920

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.0232, 36.6705, 53.1254 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, 175, 188)` looks like.

```
.text, #text, p{  
    color:rgb(94, 175, 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, 175, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 175, 188) }
```

Border

The CSS property to change the border of an element to XYZ 29.0232, 36.6705, 53.1254 is called "border". The border property can be set on classes, ids or directly on the HTML element.

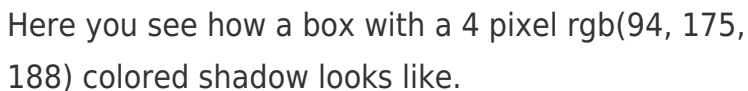
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(94, 175, 188) }
```


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

```
.border{ border-color:rgb(94, 175, 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, 175, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(94, 175, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(94, 175, 188); box-shadow:4px 4px 4px 4px rgb(94, 175, 188) }
```

Background

The CSS property to change the background color of an element to XYZ 29.0232, 36.6705, 53.1254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 175, 188) }
```

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

```
.background{ background-color: rgb(94, 175,  
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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