

Converting Colors

XYZ(28.1697, 36.5205, 53.1414)

Have a look what the booklet for
XYZ(28.1697, 36.5205, 53.1414)
contains.

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Color

**XYZ(28.1697, 36.5205,
53.1414)**

Conversions

Conversions Part 1

Format	Color
Hex	53B0BC
RGB	83, 176, 188
RGB Percent	33%, 69%, 74%
CMY	0.6745, 0.3098, 0.2627
CMYK	0.56, 0.06, 0.00, 0.26
HSL	187°, 44%, 53%
HSV	187°, 56%, 74%
XYZ	28.1697, 36.5205, 53.1414
YIQ	149.5610, -59.2800, -15.9840

Conversions

Conversions Part 2

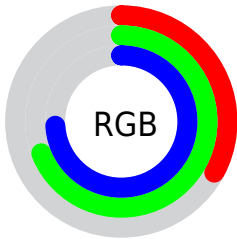
Format	Color
RYB	83, 132, 188
Decimal	5484732
CIELab	66.92, -24.03, -14.51
CIELCh	67, 28.072, 211.120
Yxy	36.5205, 0.2391, 0.3099
Android (android.graphics.Color)	4283674812 (0xFF53B0BC)
YUV	149.5610, 18.9504, -58.3740
Hunter-Lab	60.4322, -22.5508, -9.8345

Details

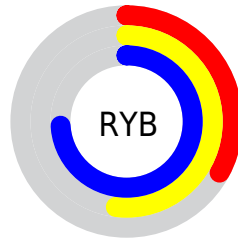
The XYZ color **28.1697, 36.5205, 53.1414** is a light color, and the websafe version is hex **339999**. A complement of this color would be **26.3934, 19.5011, 10.5576**, and the grayscale version is **28.7450, 30.2420, 32.9335**.

A 20% lighter version of the original color is **56.1703, 69.9076, 96.1210**, and **11.4812, 15.9281, 25.3910** is the 20% darker color. If you saturate the color by 10%, you get **26.3129, 34.9436, 52.9356**, and if you desaturate by 10%, it is **30.4851, 38.3453, 53.3722**.

Distribution



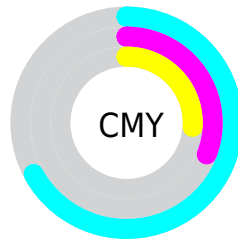
- Red (33%)
- Green (69%)
- Blue (74%)



- Red (33%)
- Yellow (52%)
- Blue (74%)



- Cyan (56%)
- Magenta (6%)
- Yellow (0%)
- Black (26%)



- Cyan (67%)
- Magenta (31%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.1697, 36.5205, 53.1414 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 28.1697, 36.5205, 53.1414 by changing the saturation by 10% instead.

■ 28.1697, 36.5205,
53.1414

■ 28.1697, 36.5205,
53.1414

285.3423,
331.2299, 415.9091

■ 18.5947, 24.8365,
37.5272

■ 56.1620, 69.8347,
96.2561

■ 11.4801, 15.9553,
25.3169

■ 75.3101, 92.2336,
124.5936

■ 6.4604, 9.4925,
16.0922

■ 98.3799, 118.9730,
158.0092

■ 3.1703, 5.0638,
9.4343

■ 125.7367,
150.4372, 196.9216

■ 1.2444, 2.2847,
4.9249

157.7461,
187.0105, 241.7492

■ 0.1410, 0.7656,
2.1453

194.7732,

■ 0.0000, 0.0000,

229.0775, 292.9107

0.6425

237.1835,
277.0225, 350.8244

■ 0.0000, 0.0000,
0.0000

■ 28.1697, 36.5205,
53.1414

■ 28.1697, 36.5205,
53.1414

■ 26.3129, 34.9436,
52.9356

■ 30.4851, 38.3453,
53.3722

■ 24.8740, 33.5913,
52.7504

■ 33.2890, 40.4310,
53.6270

■ 23.8108, 32.4424,
52.5847

■ 36.6123, 42.7945,
53.9081

■ 23.0687, 31.4689,
52.4359

■ 40.4828, 45.4501,
54.2167

■ 22.8077, 31.0919,
52.3768

■ 44.9261, 48.4110,
54.5540

■ 49.9662, 51.6898,
54.9212

■ 55.6258, 55.2980,
55.3194

■ 61.9261, 59.2468,
55.7495

■ 68.8877, 63.5467,
56.2126

Harmonies

Analogous

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



27.1593, 36.5205, 40.2240



28.1697, 36.5205, 53.1414



30.9091, 36.5205, 64.0051

Triad

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



28.1697, 36.5205, 53.1414



42.3775, 36.5205, 52.1854



34.5521, 36.5205, 20.6413

Complementary

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



28.1697, 36.5205, 53.1414



26.3934, 19.5011, 10.5576

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.



38.8139, 36.5205, 22.5777



28.1697, 36.5205, 53.1414



43.5484, 36.5205, 39.3087

Square

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



28.1697, 36.5205, 53.1414



39.1128, 36.5205, 63.3785



42.1953, 36.5205, 28.8451



30.6537, 36.5205, 22.8930

Rectangle

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



28.1697, 36.5205, 53.1414



33.4642, 36.5205, 67.6893



42.1953, 36.5205, 28.8451



35.9897, 36.5205, 20.8203

Sweetspot

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



28.1708, 36.5219, 53.1423



72.3028, 81.6490, 98.1753



23.5494, 38.6054, 16.6839



15.2348, 17.3448, 21.0875



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.



28.1708, 36.5219, 53.1423



47.0377, 62.7440, 95.8579



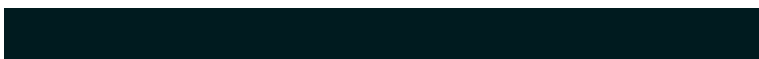
19.9790, 20.1382, 50.4117



9.7130, 10.6183, 12.2098



15.5631, 21.2380, 35.6720



0.6364, 0.8854, 1.4062

Inverse Universe

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



31.6697, 20.0135, 43.2696



54.2482, 30.7235, 75.0637



32.5801, 31.8747, 12.6199



9.8817, 9.6770, 11.7662



18.8563, 9.1737, 25.6007



0.7521, 0.3647, 1.0739

Previews

White Background



This preview shows how the XYZ color 28.1697, 36.5205, 53.1414 looks on a white background.

Color Contrast Check

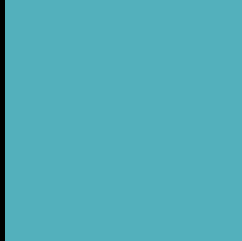
Large Text (above 18pt) WCAG AA × Fail

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 28.1697, 36.5205, 53.1414 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

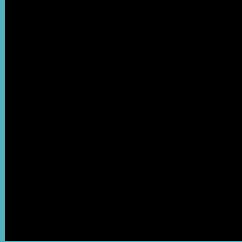
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 28.1697, 36.5205, 53.1414

Background



This preview shows how black text looks on a background with the XYZ color 28.1697, 36.5205, 53.1414.



This preview shows how white text looks on a background with the XYZ color 28.1697, 36.5205,

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

28.1697, 36.5205, 53.1414

Protanopia

35.2780, 36.1777, 47.2431

Deuteranopia

36.8455, 36.0460, 54.8848



Tritanopia

28.4758, 36.6532, 54.2891

Trichromacy



Original Color

28.1697, 36.5205, 53.1414

Protanomaly

31.5954, 35.5554, 49.4536

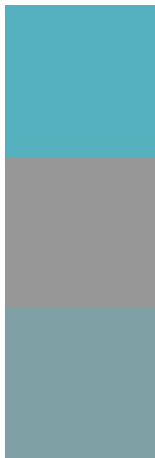
Deuteranomaly

32.6906, 35.7402, 54.4658

Tritanomaly

28.3668, 36.6096, 53.7154

Monochromacy



Original Color

28.1697, 36.5205, 53.1414

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

27.7032, 31.9122, 39.8215

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.1697, 36.5205, 53.1414 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(83, 176, 188)` looks like.

```
.text, #text, p{  
    color:rgb(83, 176, 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(83, 176, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 176, 188) }
```

Border

The CSS property to change the border of an element to XYZ 28.1697, 36.5205, 53.1414 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(83, 176, 188) }
```


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

```
.border{ border-color:rgb(83, 176, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 176, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 176, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 176, 188);  
box-shadow:4px 4px 4px 4px rgb(83, 176,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 28.1697, 36.5205, 53.1414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 176, 188) }
```

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

```
.background{ background-color: rgb(83, 176,  
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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