

Converting Colors

XYZ(21.5319, 34.5978, 52.6418)

Have a look what the booklet for
XYZ(21.5319, 34.5978, 52.6418)
contains.

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Color

**XYZ(25.4935, 36.6356,
52.7414)**

Conversions

Conversions Part 1

Format	Color
Hex	00B5BB
RGB	0, 181, 187
RGB Percent	0%, 71%, 73%
CMY	0.9999, 0.2902, 0.2667
CMYK	1.00, 0.03, 0.00, 0.27
HSL	182°, 100%, 37%
HSV	182°, 100%, 73%
XYZ	25.4935, 36.6356, 52.7414
YIQ	127.5650, -109.8020, -36.5060

Conversions

Conversions Part 2

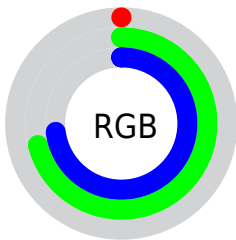
Format	Color
RYB	0, 92, 187
Decimal	46523
CIELab	67.00, -35.32, -13.96
CIELCh	67, 37.977, 201.571
Yxy	36.6356, 0.2219, 0.3189
Android (android.graphics.Color)	4278236603 (0xFF00B5BB)
YUV	127.5650, 29.3015, -111.8745
Hunter-Lab	60.5273, -30.7405, -9.2941

Details

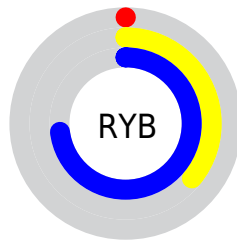
The XYZ color **25.4935, 36.6356, 52.7414** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **20.5595, 10.6960, 0.9820**, and the grayscale version is **20.3008, 21.3580, 23.2588**.

A 20% lighter version of the original color is **51.7174, 69.7488, 95.5311**, and **11.8924, 16.9000, 25.1895** is the 20% darker color. If you saturate the color by 10%, you get **25.4939, 36.6362, 52.7422**, and if you desaturate by 10%, it is **25.8799, 37.0171, 52.7954**.

Distribution



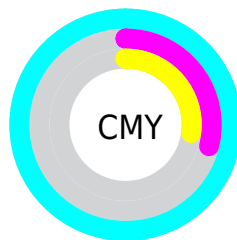
- Red (0%)
- Green (71%)
- Blue (73%)



- Red (0%)
- Yellow (36%)
- Blue (73%)



- Cyan (100%)
- Magenta (3%)
- Yellow (0%)
- Black (27%)



- Cyan (100%)
- Magenta (29%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.4935, 36.6356, 52.7414 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 25.4935, 36.6356, 52.7414 by changing the saturation by 10% instead.

■ 25.4935, 36.6356,
52.7414

■ 25.4935, 36.6356,
52.7414

272.5893,
331.7302, 414.3303

■ 16.5758, 24.9255,
37.2101

■ 51.8938, 70.0120,
95.6614

■ 10.0259, 16.0215,
25.0731

■ 70.1072, 92.4470,
123.8872

■ 5.4786, 9.5394,
15.9120

■ 92.1498, 119.2258,
157.1815

■ 2.5683, 5.0947,
9.3082

■ 118.3871,
150.7328, 195.9629

■ 0.9298, 2.3029,
4.8432

■ 149.1843,
187.3523, 240.6500

■ 0.0000, 0.7752,
2.0984

184.9068,

■ 0.0000, 0.0000,

229.4688, 291.6612

0.6148

225.9200,
277.4666, 349.4151

■ 0.0000, 0.0000,
0.0000

■ 25.4935, 36.6356,
52.7414

■ 25.4935, 36.6356,
52.7414

■ 25.4939, 36.6362,
52.7422

■ 25.8799, 37.0171,
52.7954

■ 26.5180, 37.5283,
52.8604

■ 27.5011, 38.2182,
52.9417

■ 28.8754, 39.1105,
53.0415

■ 30.6796, 40.2252,
53.1616

■ 32.9481, 41.5801,
53.3036

■ 35.7116, 43.1909,
53.4688

■ 38.9983, 45.0723,
53.6587

■ 42.8341, 47.2375,
53.8745

Harmonies

Analogous

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



24.9637, 36.6356, 35.4134



25.4935, 36.6356, 52.7414



28.3737, 36.6356, 70.2975

Triad

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



25.4935, 36.6356, 52.7414



44.2499, 36.6356, 63.0631



36.4719, 36.6356, 16.0008

Complementary

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



25.4935, 36.6356, 52.7414



20.5595, 10.6960, 0.9820

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.



42.1778, 36.6356, 19.8257



25.4935, 36.6356, 52.7414



46.9819, 36.6356, 44.7286

Square

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



25.4935, 36.6356, 52.7414



39.0589, 36.6356, 77.3105



46.1845, 36.6356, 29.3166



30.9014, 36.6356, 17.0459

Rectangle

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



25.4935, 36.6356, 52.7414



31.4319, 36.6356, 78.2397



46.1845, 36.6356, 29.3166



38.4455, 36.6356, 16.7103

Sweetspot

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



25.4946, 36.6369, 52.7423



63.6865, 77.1967, 95.7452



17.7883, 35.5483, 6.0145



13.5429, 16.7204, 21.0561



90.7827, 95.5105, 104.0109



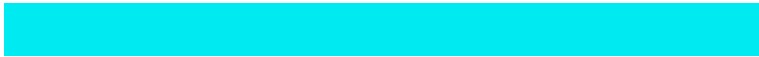
18.6292, 19.5994, 21.3438

Same Dimension

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



25.4946, 36.6369, 52.7423



45.6236, 65.5438, 94.4480



12.6605, 10.9687, 48.4642



9.7816, 10.7556, 12.2327



17.5759, 25.2635, 36.3429



0.6968, 1.0062, 1.4263

Inverse Universe

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



28.8350, 13.9021, 44.8810



51.6238, 24.8895, 80.2854



24.7351, 19.0472, 2.3739



9.9164, 9.6909, 11.9487



19.8723, 9.5801, 30.9507



0.7826, 0.3769, 1.2344

Previews

White Background



This preview shows how the XYZ color 25.4935, 36.6356, 52.7414 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 25.4935, 36.6356, 52.7414 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

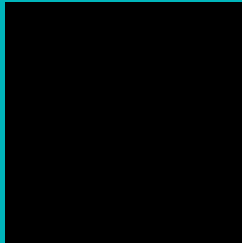
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

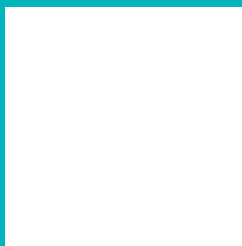
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.4935, 36.6356, 52.7414

Background



This preview shows how black text looks on a background with the XYZ color 25.4935, 36.6356, 52.7414.

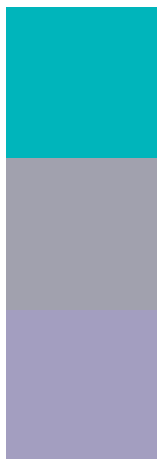


This preview shows how white text looks on a background with the XYZ color 25.4935, 36.6356,

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

25.4935, 36.6356, 52.7414

Protanopia

35.0828, 36.1228, 45.1677

Deuteranopia

36.8455, 36.0460, 54.8848



Tritanopia

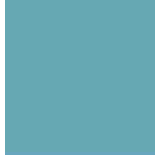
26.4849, 36.7572, 56.7379

Trichromacy



Original Color

25.4935, 36.6356, 52.7414



Protanomaly

27.6188, 34.0847, 47.7712



Deuteranomaly

28.6394, 33.9332, 53.7555



Tritanomaly

25.9564, 36.5233, 54.9719

Monochromacy



Original Color

25.4935, 36.6356, 52.7414



Achromatopsia

20.5175, 21.5861, 23.5072



Achromatomaly

19.2519, 24.7867, 32.2034

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.4935, 36.6356, 52.7414 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(0, 181, 187)` looks like.

```
.text, #text, p{  
    color:rgb(0, 181, 187)  
}
```

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(0, 181, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 181, 187) }
```

Border

The CSS property to change the border of an element to XYZ 25.4935, 36.6356, 52.7414 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(0, 181, 187) }
```


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

```
.border{ border-color:rgb(0, 181, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 181, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 181, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 181, 187);  
box-shadow:4px 4px 4px 4px rgb(0, 181,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 25.4935, 36.6356, 52.7414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 181, 187) }
```

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

```
.background{ background-color: rgb(0, 181,  
187) }
```

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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