

Converting Colors

XYZ(25.6461, 36.9291, 41.8537)

Have a look what the booklet for
XYZ(25.6461, 36.9291, 41.8537)
contains.

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Color

**XYZ(25.6536, 36.9592,
41.8581)**

Conversions

Conversions Part 1

Format	Color
Hex	42B5A6
RGB	66, 181, 166
RGB Percent	26%, 71%, 65%
CMY	0.7412, 0.2902, 0.3490
CMYK	0.64, 0.00, 0.08, 0.29
HSL	172°, 47%, 48%
HSV	172°, 64%, 71%
XYZ	25.6536, 36.9592, 41.8581
YIQ	144.9050, -63.7250, -29.0450

Conversions

Conversions Part 2

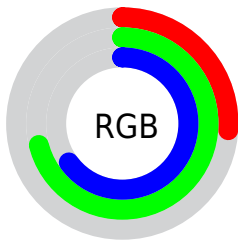
Format	Color
RYB	66, 128, 181
Decimal	4371878
CIELab	67.25, -35.69, -1.90
CIELCh	67, 35.744, 183.040
Yxy	36.9592, 0.2456, 0.3538
Android (android.graphics.Color)	4282561958 (0xFF42B5A6)
YUV	144.9050, 10.3998, -69.1997
Hunter-Lab	60.7941, -31.0670, 1.7333

Details

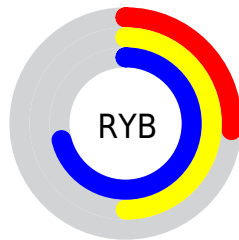
The XYZ color **25.6536, 36.9592, 41.8581** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **22.4908, 14.3154, 9.3638**, and the grayscale version is **26.8538, 28.2523, 30.7668**.

A 20% lighter version of the original color is **52.0877, 70.3009, 79.2307**, and **10.6266, 16.3936, 18.5238** is the 20% darker color. If you saturate the color by 10%, you get **24.4073, 36.3424, 40.6801**, and if you desaturate by 10%, it is **27.2918, 37.7794, 43.0768**.

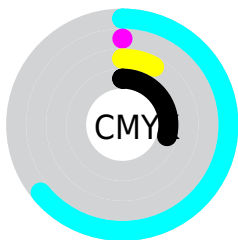
Distribution



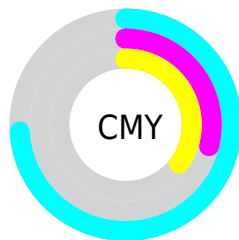
- Red (26%)
- Green (71%)
- Blue (65%)



- Red (26%)
- Yellow (50%)
- Blue (71%)



- Cyan (64%)
- Magenta (0%)
- Yellow (8%)
- Black (29%)





- Cyan (74%)
- Magenta (29%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.6536, 36.9592, 41.8581 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 25.6536, 36.9592, 41.8581 by changing the saturation by 10% instead.


 25.6536, 36.9592,
41.8581


 25.6536, 36.9592,
41.8581


273.3654,
333.1338, 369.6767


 16.6960, 25.1759,
28.6655


 52.1509, 70.5100,
79.2526


 10.1119, 16.2082,
18.5845

 70.4213, 93.0464,
104.2915

 5.5361, 9.6716,
11.1967


 92.5266, 119.9358,
134.1163

 2.6031, 5.1817,
6.0834

 118.8323,
151.5628, 169.1454

 0.9475, 2.3543,
2.8263

 149.7037,
188.3117, 209.7975

 0.0000, 0.8022,
1.0066

185.5061,

 0.0000, 0.0000,

230.5669, 256.4910

0.0000

226.6049,
278.7128, 309.6446

■ 25.6536, 36.9592,
41.8581

■ 25.6536, 36.9592,
41.8581

■ 24.4073, 36.3424,
40.6801

■ 27.2918, 37.7794,
43.0768

■ 23.5119, 35.9051,
39.5384

■ 29.3517, 38.8156,
44.3353

■ 22.9229, 35.6254,
38.4316

■ 31.8638, 40.0844,
45.6359

■ 22.6437, 35.4967,
37.7315

■ 34.8549, 41.5997,
46.9801

■ 38.3497, 43.3742,
48.3690

■ 42.3711, 45.4197,
49.8038

■ 46.9407, 47.7474,
51.2858

■ 52.0789, 50.3677,
52.8158

■ 57.8050, 53.2906,
54.3949

Harmonies

Analogous

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



26.5777, 36.9592, 28.0927



25.6536, 36.9592, 41.8581



27.0427, 36.9592, 58.9615

Triad

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



25.6536, 36.9592, 41.8581



41.1690, 36.9592, 71.0736



40.1062, 36.9592, 18.9524

Complementary

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



25.6536, 36.9592, 41.8581



22.4908, 14.3154, 9.3638

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.



44.6843, 36.9592, 25.9747



25.6536, 36.9592, 41.8581



45.3412, 36.9592, 55.4698

Square

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



25.6536, 36.9592, 41.8581



35.6884, 36.9592, 78.3509



46.6893, 36.9592, 38.6686



34.5747, 36.9592, 17.0665

Rectangle

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



25.6536, 36.9592, 41.8581



29.1871, 36.9592, 69.3643



46.6893, 36.9592, 38.6686



41.8262, 36.9592, 20.6817

Sweetspot

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



25.6547, 36.9606, 41.8590



64.9485, 75.7835, 85.1761



20.9304, 35.2067, 10.8475



13.6688, 16.1923, 18.2592



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



25.6547, 36.9606, 41.8590



43.0425, 64.7577, 72.0832



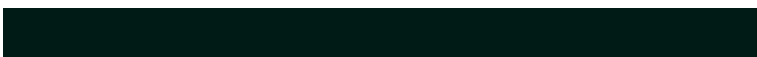
19.7970, 22.9129, 47.0969



8.6940, 9.6121, 10.6482



15.6277, 24.4770, 26.1059



0.5049, 0.7754, 0.8909

Inverse Universe

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



22.4908, 14.3154, 9.3638



36.9899, 21.0248, 9.6137



25.4209, 20.9788, 7.8646



8.5400, 8.5227, 9.0761



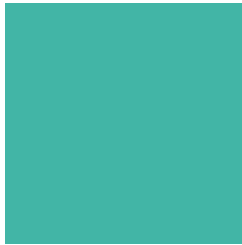
13.2628, 6.8227, 1.2778



0.4316, 0.2204, 0.1153

Previews

White Background



This preview shows how the XYZ color 25.6536, 36.9592, 41.8581 looks on a white background.

Color Contrast Check

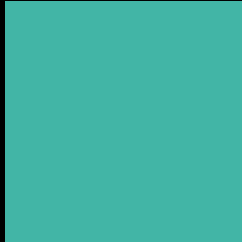
Large Text (above 18pt) WCAG AA × Fail

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 25.6536, 36.9592, 41.8581 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

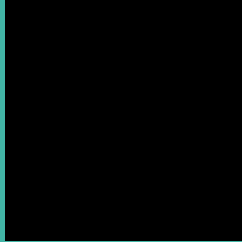
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 25.6536, 36.9592, 41.8581

Background



This preview shows how black text looks on a background with the XYZ color 25.6536, 36.9592, 41.8581.

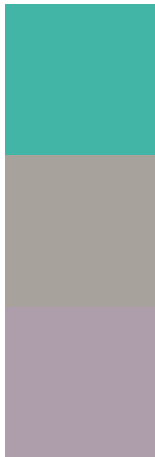


This preview shows how white text looks on a background with the XYZ color 25.6536, 36.9592,

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

25.6536, 36.9592, 41.8581

Protanopia

34.7731, 36.4227, 36.2079

Deuteranopia

37.0331, 36.3927, 43.6007



Tritanopia

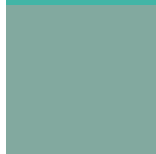
28.2971, 36.8278, 55.4862

Trichromacy



Original Color

25.6536, 36.9592, 41.8581



Protanomaly

29.6519, 35.6250, 38.1144



Deuteranomaly

30.7893, 35.2879, 42.7246



Tritanomaly

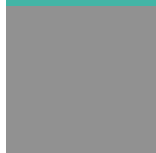
27.2153, 36.6762, 50.4446

Monochromacy



Original Color

25.6536, 36.9592, 41.8581



Achromatopsia

26.9133, 28.3149, 30.8349



Achromatomaly

25.1791, 30.4666, 34.6906

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.6536, 36.9592, 41.8581 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(66, 181, 166)` looks like.

```
.text, #text, p{  
    color:rgb(66, 181, 166)  
}
```

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(66, 181, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 181, 166) }
```

Border

The CSS property to change the border of an element to XYZ 25.6536, 36.9592, 41.8581 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(66, 181, 166) }
```


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

```
.border{ border-color:rgb(66, 181, 166) }
```

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

Here you see how a box with a 4 pixel rgb(66, 181, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 181, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 181, 166);  
box-shadow:4px 4px 4px 4px rgb(66, 181,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 25.6536, 36.9592, 41.8581 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 181, 166) }
```

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

```
.background{ background-color: rgb(66, 181,  
166) }
```

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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