

Converting Colors

XYZ(25.6327, 35.4661, 41.5711)

Have a look what the booklet for
XYZ(25.6327, 35.4661, 41.5711)
contains.

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Color

**XYZ(25.6327, 35.4661,
41.5711)**

Conversions

Conversions Part 1

Format	Color
Hex	4FB0A6
RGB	79, 176, 166
RGB Percent	31%, 69%, 65%
CMY	0.6902, 0.3098, 0.3490
CMYK	0.55, 0.00, 0.06, 0.31
HSL	174°, 38%, 50%
HSV	174°, 55%, 69%
XYZ	25.6327, 35.4661, 41.5711
YIQ	145.8570, -54.6020, -23.6740

Conversions

Conversions Part 2

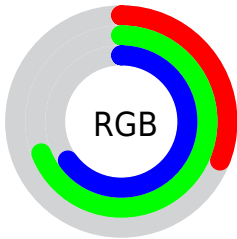
Format	Color
RYB	79, 130, 176
Decimal	5222566
CIELab	66.11, -30.88, -3.52
CIELCh	66, 31.083, 186.506
Yxy	35.4661, 0.2497, 0.3454
Android (android.graphics.Color)	4283412646 (0xFF4FB0A6)
YUV	145.8570, 9.9305, -58.6336
Hunter-Lab	59.5534, -27.3894, 0.3002

Details

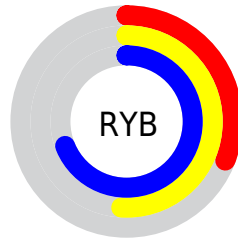
The XYZ color **25.6327, 35.4661, 41.5711** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **22.5048, 15.5443, 11.2666**, and the grayscale version is **27.2406, 28.6592, 31.2099**.

A 20% lighter version of the original color is **52.0611, 68.1679, 78.8204**, and **10.1202, 15.3808, 18.3550** is the 20% darker color. If you saturate the color by 10%, you get **24.1930, 34.7439, 40.6415**, and if you desaturate by 10%, it is **27.4643, 36.3918, 42.5329**.

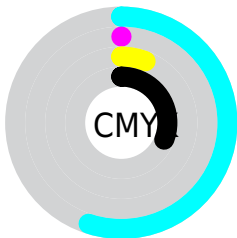
Distribution



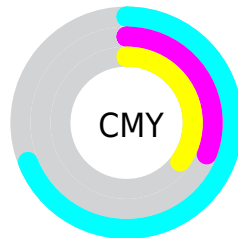
- Red (31%)
- Green (69%)
- Blue (65%)



- Red (31%)
- Yellow (51%)
- Blue (69%)



- Cyan (55%)
- Magenta (0%)
- Yellow (6%)
- Black (31%)



- Cyan (69%)
- Magenta (31%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.6327, 35.4661, 41.5711 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 25.6327, 35.4661, 41.5711 by changing the saturation by 10% instead.

■ 25.6327, 35.4661,
41.5711

■ 25.6327, 35.4661,
41.5711

273.2642,
326.6209, 368.4490

■ 16.6803, 24.0221,
28.4425

■ 52.1173, 68.2072,
78.8132

■ 10.1007, 15.3500,
18.4176

■ 70.3803, 90.2731,
103.7637

■ 5.5286, 9.0654,
11.0777

■ 92.4775, 116.6485,
133.4921

■ 2.5985, 4.7839,
6.0043

■ 118.7742,
147.7177, 168.4167

■ 0.9452, 2.1210,
2.7788

149.6359,
183.8652, 208.9562

■ 0.0000, 0.6764,
0.9829

185.4279,

■ 0.0000, 0.0000,

225.4753, 255.5290

0.0000

226.5156,
272.9324, 308.5538

■ 25.6327, 35.4661,
41.5711

■ 25.6327, 35.4661,
41.5711

■ 24.1930, 34.7439,
40.6415

■ 27.4643, 36.3918,
42.5329

■ 23.1109, 34.2048,
39.7401

■ 29.7128, 37.5313,
43.5256

■ 22.3511, 33.8317,
38.8660

■ 32.4044, 38.8989,
44.5515

■ 21.8693, 33.6016,
38.0169

■ 35.5624, 40.5068,
45.6117

■ 21.6850, 33.5155,
37.6087

■ 39.2086, 42.3660,
46.7071

■ 43.3633, 44.4871,
47.8389

■ 48.0456, 46.8798,
49.0079

■ 53.2737, 49.5537,
50.2150

■ 59.0649, 52.5176,
51.4612

Harmonies

Analogous

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



26.2026, 35.4661, 29.3381



25.6327, 35.4661, 41.5711



27.0626, 35.4661, 55.8115

Triad

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



25.6327, 35.4661, 41.5711



39.2741, 35.4661, 62.8824



37.3755, 35.4661, 19.6709

Complementary

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



25.6327, 35.4661, 41.5711



22.5048, 15.5443, 11.2666

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.



41.3642, 35.4661, 25.3748



25.6327, 35.4661, 41.5711



42.5285, 35.4661, 49.6701

Square

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



25.6327, 35.4661, 41.5711



34.7259, 35.4661, 69.8029



43.3262, 35.4661, 35.8054



32.7130, 35.4661, 18.4564

Rectangle

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



25.6327, 35.4661, 41.5711



29.0419, 35.4661, 63.9501



43.3262, 35.4661, 35.8054



38.8521, 35.4661, 21.0511

Sweetspot

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



25.6337, 35.4675, 41.5719



63.1702, 72.7878, 82.2960



21.1850, 33.8062, 12.8065



13.4420, 15.6480, 17.7534



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



25.6337, 35.4675, 41.5719



43.4247, 62.7857, 73.3695



20.2681, 23.2103, 44.4876



8.7041, 9.6162, 10.7016



15.9227, 24.5951, 27.6594



0.5118, 0.7782, 0.9271

Inverse Universe

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



22.5048, 15.5443, 11.2666



37.2040, 22.9953, 12.9847



25.5835, 22.3289, 10.3594



8.5308, 8.5190, 9.0276



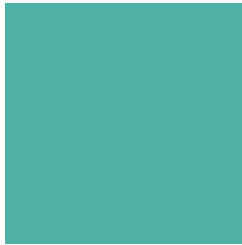
13.2287, 6.8090, 1.0985



0.4277, 0.2188, 0.0952

Previews

White Background



This preview shows how the XYZ color 25.6327, 35.4661, 41.5711 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 25.6327, 35.4661, 41.5711 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

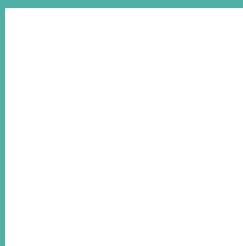
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.6327, 35.4661, 41.5711

Background



This preview shows how black text looks on a background with the XYZ color 25.6327, 35.4661, 41.5711.

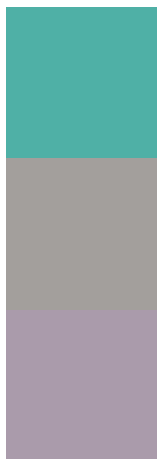


This preview shows how white text looks on a background with the XYZ color 25.6327, 35.4661,

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

25.6327, 35.4661, 41.5711

Protanopia

33.5031, 34.9831, 36.4391

Deuteranopia

35.6496, 34.9290, 43.3911



Tritanopia

27.8437, 35.5012, 52.3986

Trichromacy



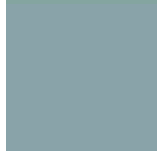
Original Color

25.6327, 35.4661, 41.5711



Protanomaly

29.3160, 34.3539, 38.3435



Deuteranomaly

30.5752, 34.3773, 42.5601



Tritanomaly

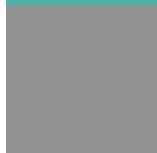
26.9289, 35.4116, 48.0636

Monochromacy



Original Color

25.6327, 35.4661, 41.5711



Achromatopsia

27.3213, 28.7441, 31.3023



Achromatomaly

25.8328, 30.5514, 34.6725

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.6327, 35.4661, 41.5711 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(79, 176, 166)` looks like.

```
.text, #text, p{  
    color:rgb(79, 176, 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(79, 176, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 176, 166) }
```

Border

The CSS property to change the border of an element to XYZ 25.6327, 35.4661, 41.5711 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(79, 176, 166) }
```


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

```
.border{ border-color:rgb(79, 176, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 176, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 176, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 176, 166);  
box-shadow:4px 4px 4px 4px rgb(79, 176,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 25.6327, 35.4661, 41.5711 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 176, 166) }
```

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

```
.background{ background-color: rgb(79, 176,  
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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