

Converting Colors

XYZ(32.6017, 45.6883, 61.0140)

Have a look what the booklet for
XYZ(32.6017, 45.6883, 61.0140)
contains.

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Color

**XYZ(32.5528, 45.5684,
61.1127)**

Conversions

Conversions Part 1

Format	Color
Hex	3FC6C7
RGB	63, 198, 199
RGB Percent	25%, 78%, 78%
CMY	0.7529, 0.2235, 0.2196
CMYK	0.68, 0.01, 0.00, 0.22
HSL	180°, 55%, 51%
HSV	180°, 68%, 78%
XYZ	32.5528, 45.5684, 61.1127
YIQ	157.7490, -80.7810, -28.3090

Conversions

Conversions Part 2

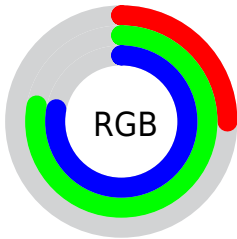
Format	Color
R _{YB}	63, 131, 199
Decimal	4179655
CIE _{Lab}	73.26, -34.93, -11.07
CIE _{LCh}	73, 36.647, 197.585
Yxy	45.5684, 0.2338, 0.3273
Android (android.graphics.Color)	4282369735 (0xFF3FC6C7)
YUV	157.7490, 20.3367, -83.0949
Hunter-Lab	67.5044, -32.0541, -6.4231




Details

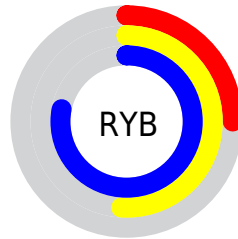
The XYZ color **32.5528, 45.5684, 61.1127** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **26.2848, 16.1689, 6.4395**, and the grayscale version is **32.3245, 34.0079, 37.0346**.




A 20% lighter version of the original color is **62.8633, 83.4071, 107.3937**, and **15.0841, 21.9909, 30.2377** is the 20% darker color. If you saturate the color by 10%, you get **31.4711, 44.9622, 61.0535**, and if you desaturate by 10%, it is **34.0964, 46.4148, 61.1955**.

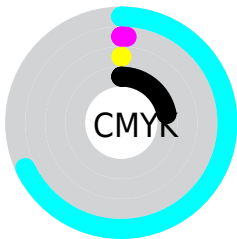
Distribution







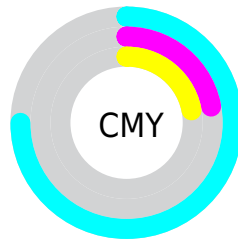
-  Red (25%)
-  Green (78%)
-  Blue (78%)






-  Red (25%)
-  Yellow (51%)
-  Blue (78%)



-  Cyan (68%)
-  Magenta (1%)
-  Yellow (0%)
-  Black (22%)



-  Cyan (75%)
-  Magenta (22%)
-  Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.5528, 45.5684, 61.1127 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 32.5528, 45.5684, 61.1127 by changing the saturation by 10% instead.

■ 32.5528, 45.5684,
61.1127

■ 32.5528, 45.5684,
61.1127

305.3305,
369.0707, 446.6051

■ 21.9417, 31.9054,
43.8850

■ 63.0361, 83.5727,
108.0012

■ 13.9304, 21.2892,
30.2436

■ 83.6389, 108.6828,
138.4991

■ 8.1537, 13.3356,
19.7699

■ 108.3031,
138.3773, 174.2574

■ 4.2461, 7.6600,
12.0455

■ 137.3939,
173.0407, 215.6948

■ 1.8423, 3.8782,
6.6517

■ 171.2766,
213.0573, 263.2297

■ 0.5429, 1.6057,
3.1702

210.3168,

■ 0.0000, 0.3614,

258.8116, 317.2807

1.1822

254.8796,
310.6880, 378.2663

■ 0.0000, 0.0000,
0.0000

■ 32.5528, 45.5684,
61.1127

■ 32.5528, 45.5684,
61.1127

■ 31.4711, 44.9622,
61.0535

■ 34.0964, 46.4148,
61.1955

■ 30.7951, 44.5642,
61.0123

■ 36.1422, 47.5191,
61.3009

■ 30.4451, 44.3343,
60.9864

■ 38.7309, 48.9033,
61.4316

■ 30.3981, 44.3019,
60.9826

■ 41.8978, 50.5856,
61.5894

■ 45.6752, 52.5827,
61.7758

■ 50.0930, 54.9101,
61.9922

■ 55.1794, 57.5821,
62.2399

■ 60.9606, 60.6123,
62.5200

■ 67.4614, 64.0137,
62.8339

Harmonies

Analogous

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



32.3146, 45.5684, 42.3795



32.5528, 45.5684, 61.1127



35.4888, 45.5684, 80.6521

Triad

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



32.5528, 45.5684, 61.1127



53.1055, 45.5684, 77.5675



46.0270, 45.5684, 22.4277

Complementary

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



32.5528, 45.5684, 61.1127



26.2848, 16.1689, 6.4395

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.



52.2065, 45.5684, 27.7801



32.5528, 45.5684, 61.1127



56.5567, 45.5684, 57.6332

Square

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



32.5528, 45.5684, 61.1127



47.1588, 45.5684, 91.6522



56.2123, 45.5684, 39.6603



39.6791, 45.5684, 22.9185

Rectangle

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



32.5528, 45.5684, 61.1127



38.7617, 45.5684, 90.1225



56.2123, 45.5684, 39.6603



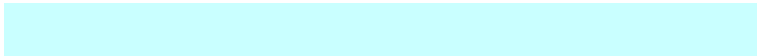
48.2039, 45.5684, 23.5345

Sweetspot

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



32.5542, 45.5701, 61.1138



77.8932, 90.9694, 108.0612



23.3717, 42.2635, 11.6298



16.2717, 19.2594, 23.1098



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



32.5542, 45.5701, 61.1138



54.4444, 78.3429, 106.8599



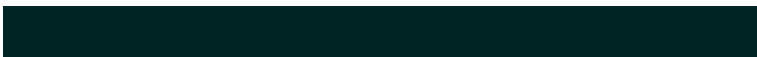
20.4764, 21.4147, 57.0879



10.9398, 12.0537, 13.6675



19.5494, 28.4928, 39.2137



0.9279, 1.3535, 1.8575

Inverse Universe

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



35.5249, 19.7757, 55.3725



60.0169, 30.3277, 96.0077



32.5680, 28.7353, 8.5339



11.0796, 10.8152, 13.4027



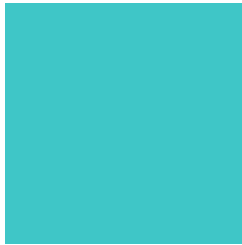
21.6670, 10.4164, 35.0518



1.0270, 0.4937, 1.6656

Previews

White Background



This preview shows how the XYZ color 32.5528, 45.5684, 61.1127 looks on a white background.

Color Contrast Check

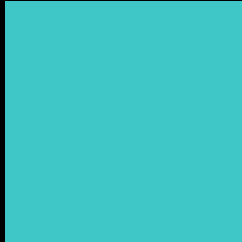
Large Text (above 18pt) WCAG AA × Fail

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 32.5528, 45.5684, 61.1127 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

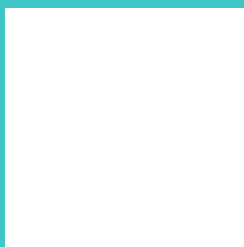
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.5528, 45.5684, 61.1127

Background



This preview shows how black text looks on a background with the XYZ color 32.5528, 45.5684, 61.1127.

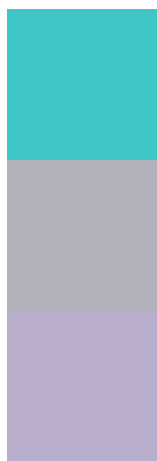


This preview shows how white text looks on a background with the XYZ color 32.5528, 45.5684,

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

32.5528, 45.5684, 61.1127

Protanopia

43.1755, 44.5732, 52.7823

Deuteranopia

45.8023, 44.8221, 63.3642



Tritanopia

34.1494, 45.5354, 69.2767

Trichromacy



Original Color

32.5528, 45.5684, 61.1127



Protanomaly

37.0695, 43.7779, 55.7864



Deuteranomaly

38.4094, 43.7067, 62.2890



Tritanomaly

33.5435, 45.6308, 66.0712

Monochromacy



Original Color

32.5528, 45.5684, 61.1127



Achromatopsia

32.4990, 34.1914, 37.2345



Achromatomaly

30.6548, 37.1152, 45.0834

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.5528, 45.5684, 61.1127 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(63, 198, 199)` looks like.

```
.text, #text, p{  
    color:rgb(63, 198, 199)  
}
```

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(63, 198, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 198, 199) }
```

Border

The CSS property to change the border of an element to XYZ 32.5528, 45.5684, 61.1127 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(63, 198, 199) }
```


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

```
.border{ border-color:rgb(63, 198, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 198, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 198, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 198, 199);  
box-shadow:4px 4px 4px 4px rgb(63, 198,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 32.5528, 45.5684, 61.1127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 198, 199) }
```

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

```
.background{ background-color: rgb(63, 198,  
199) }
```

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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