

Converting Colors

XYZ(26.5646, 36.7532, 45.2291)

Have a look what the booklet for
XYZ(26.5646, 36.7532, 45.2291)
contains.

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Color

**XYZ(26.5646, 36.7532,
45.2291)**

Conversions

Conversions Part 1

Format	Color
Hex	4BB3AD
RGB	75, 179, 173
RGB Percent	29%, 70%, 68%
CMY	0.7059, 0.2980, 0.3216
CMYK	0.58, 0.00, 0.03, 0.30
HSL	177°, 41%, 50%
HSV	177°, 58%, 70%
XYZ	26.5646, 36.7532, 45.2291
YIQ	147.2200, -60.0580, -23.9140

Conversions

Conversions Part 2

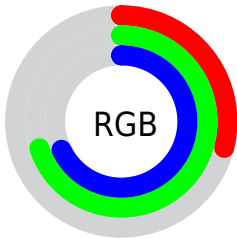
Format	Color
RYB	75, 129, 179
Decimal	4961197
CIELab	67.09, -31.25, -5.97
CIElCh	67, 31.810, 190.811
Yxy	36.7532, 0.2447, 0.3386
Android (android.graphics.Color)	4283151277 (0xFF4BB3AD)
YUV	147.2200, 12.7095, -63.3369
Hunter-Lab	60.6244, -27.8770, -1.7965

Details

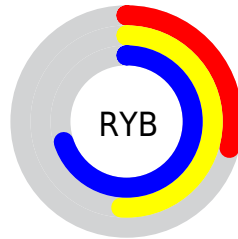
The XYZ color **26.5646, 36.7532, 45.2291** is a dark color, and the websafe version is hex **66CCCC**. A complement of this color would be **22.5930, 15.2111, 9.5312**, and the grayscale version is **27.7921, 29.2395, 31.8418**.

A 20% lighter version of the original color is **53.5434, 70.0864, 84.1048**, and **10.9120, 16.3022, 20.6607** is the 20% darker color. If you saturate the color by 10%, you get **25.2574, 36.0917, 44.6489**, and if you desaturate by 10%, it is **28.2686, 37.6209, 45.8336**.

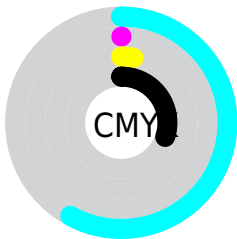
Distribution



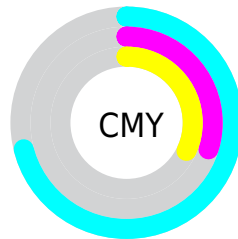
- Red (29%)
- Green (70%)
- Blue (68%)



- Red (29%)
- Yellow (51%)
- Blue (70%)



- Cyan (58%)
- Magenta (0%)
- Yellow (3%)
- Black (30%)



- Cyan (71%)
- Magenta (30%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.5646, 36.7532, 45.2291 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 26.5646, 36.7532, 45.2291 by changing the saturation by 10% instead.

■ 26.5646, 36.7532,
45.2291

■ 26.5646, 36.7532,
45.2291

277.7489,
332.2408, 383.8878

■ 17.3814, 25.0165,
31.2937

■ 53.6092, 70.1930,
84.3862

■ 10.6038, 16.0893,
20.5622

■ 72.2014, 92.6649,
110.4449

■ 5.8664, 9.5874,
12.6163

■ 94.6605, 119.4840,
141.3818

■ 2.8039, 5.1262,
7.0372

■ 121.3520,
151.0346, 177.6154

■ 1.0509, 2.3215,
3.4066

■ 152.6413,
187.7012, 219.5643

■ 0.0000, 0.7851,
1.3058

188.8936,

■ 0.0000, 0.0000,

229.8682, 267.6469

0.0665

230.4744,
277.9199, 322.2819

■ 0.0000, 0.0000,
0.0000

■ 26.5646, 36.7532,
45.2291

■ 26.5646, 36.7532,
45.2291

■ 25.2574, 36.0917,
44.6489

■ 28.2686, 37.6209,
45.8336

■ 24.3097, 35.6145,
44.0887

■ 30.3963, 38.7061,
46.4611

■ 23.6829, 35.3027,
43.5476

■ 32.9758, 40.0241,
47.1138

■ 23.3124, 35.1230,
43.0224

■ 36.0319, 41.5877,
47.7928

■ 23.2514, 35.0937,
42.9235

■ 39.5879, 43.4089,
48.4994

■ 43.6652, 45.4988,
49.2344

■ 48.2842, 47.8679,
49.9988

■ 53.4640, 50.5259,
50.7936

■ 59.2230, 53.4825,
51.6196

Harmonies

Analogous

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



26.8589, 36.7532, 31.8801



26.5646, 36.7532, 45.2291



28.3510, 36.7532, 60.0905

Triad

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



26.5646, 36.7532, 45.2291



41.3760, 36.7532, 63.7744



38.0824, 36.7532, 19.7526

Complementary

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



26.5646, 36.7532, 45.2291



22.5930, 15.2111, 9.5312

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.



42.4618, 36.7532, 25.0019



26.5646, 36.7532, 45.2291



44.4815, 36.7532, 49.4348

Square

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



26.5646, 36.7532, 45.2291



36.7079, 36.7532, 72.3276



44.8962, 36.7532, 35.2234



33.2159, 36.7532, 19.1297

Rectangle

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



26.5646, 36.7532, 45.2291



30.5872, 36.7532, 68.0925



44.8962, 36.7532, 35.2234



39.6716, 36.7532, 20.9658

Sweetspot

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



26.5657, 36.7546, 45.2300



65.0127, 74.7270, 85.6934



20.8652, 34.5405, 12.2248



14.1453, 16.4235, 18.9311



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.



26.5657, 36.7546, 45.2300



44.6444, 64.3394, 79.6489



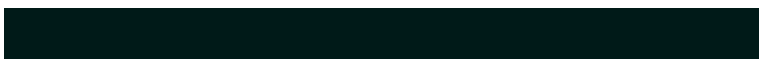
19.5555, 21.7837, 45.8234



8.7211, 9.6229, 10.7907



16.4383, 24.8013, 30.3746



0.5236, 0.7829, 0.9892

Inverse Universe

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



22.5930, 15.2111, 9.5312



36.8720, 22.0608, 9.7099



26.5863, 23.5421, 9.8004



8.5156, 8.5130, 8.9475



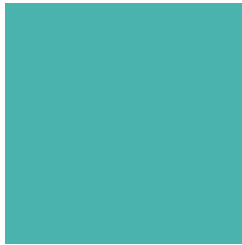
13.1852, 6.7917, 0.8695



0.4214, 0.2163, 0.0618

Previews

White Background



This preview shows how the XYZ color 26.5646, 36.7532, 45.2291 looks on a white background.

Color Contrast Check

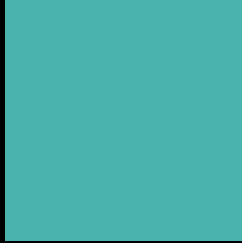
Large Text (above 18pt) WCAG AA × Fail

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 26.5646, 36.7532, 45.2291 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

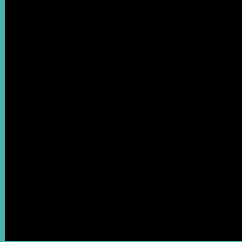
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 26.5646, 36.7532, 45.2291

Background



This preview shows how black text looks on a background with the XYZ color 26.5646, 36.7532, 45.2291.

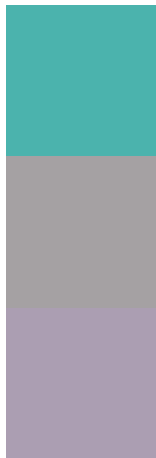


This preview shows how white text looks on a background with the XYZ color 26.5646, 36.7532,

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

26.5646, 36.7532, 45.2291

Protanopia

34.8728, 36.1334, 39.7868

Deuteranopia

37.0573, 36.3260, 47.1780



Tritanopia

28.4090, 36.6061, 54.8586

Trichromacy



Original Color

26.5646, 36.7532, 45.2291

Protanomaly

30.4934, 35.7008, 41.8430

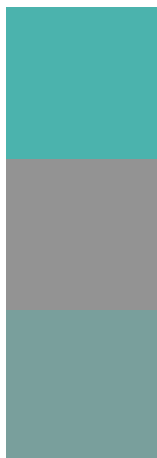
Deuteranomaly

31.6260, 35.6413, 46.2869

Tritanomaly

27.5983, 36.5672, 50.9510

Monochromacy



Original Color

26.5646, 36.7532, 45.2291

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

26.2840, 31.2615, 36.1013

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5646, 36.7532, 45.2291 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(75, 179, 173)` looks like.

```
.text, #text, p{  
    color:rgb(75, 179, 173)  
}
```

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(75, 179, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 179, 173) }
```

Border

The CSS property to change the border of an element to XYZ 26.5646, 36.7532, 45.2291 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(75, 179, 173) }
```


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

```
.border{ border-color:rgb(75, 179, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 179, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 179, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 179, 173);  
box-shadow:4px 4px 4px 4px rgb(75, 179,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 26.5646, 36.7532, 45.2291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 179, 173) }
```

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

```
.background{ background-color: rgb(75, 179,  
173) }
```

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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