

Converting Colors

XYZ(26.7411, 37.0892, 45.1808)

Have a look what the booklet for
XYZ(26.7411, 37.0892, 45.1808)
contains.

XYZ(26.7657, 37.1555, 45.2962)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(26.7657, 37.1555,
45.2962)**

Conversions

Conversions Part 1

Format	Color
Hex	4BB4AD
RGB	75, 180, 173
RGB Percent	29%, 71%, 68%
CMY	0.7059, 0.2941, 0.3216
CMYK	0.58, 0.00, 0.04, 0.29
HSL	176°, 41%, 50%
HSV	176°, 58%, 71%
XYZ	26.7657, 37.1555, 45.2962
YIQ	147.8070, -60.3330, -24.4370

Conversions

Conversions Part 2

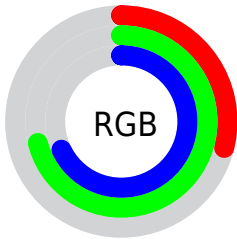
Format	Color
RYB	75, 129, 180
Decimal	4961453
CIELab	67.39, -31.72, -5.52
CIELCh	67, 32.201, 189.870
Yxy	37.1555, 0.2451, 0.3402
Android (android.graphics.Color)	4283151533 (0xFF4BB4AD)
YUV	147.8070, 12.4201, -63.8517
Hunter-Lab	60.9553, -28.2918, -1.3900

Details

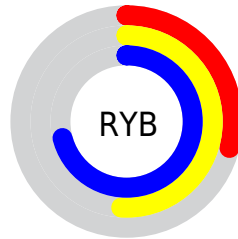
The XYZ color **26.7657, 37.1555, 45.2962** is a dark color, and the websafe version is hex **66CCCC**. A complement of this color would be **22.8627, 15.3457, 9.7408**, and the grayscale version is **28.0368, 29.4969, 32.1221**.

A 20% lighter version of the original color is **53.8306, 70.6607, 84.2005**, and **11.0406, 16.5592, 20.7035** is the 20% darker color. If you saturate the color by 10%, you get **25.4367, 36.4846, 44.6312**, and if you desaturate by 10%, it is **28.4962, 38.0350, 45.9871**.

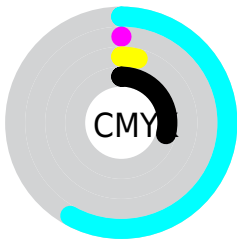
Distribution



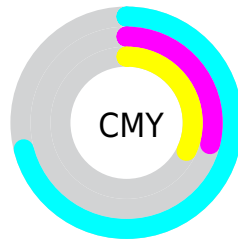
- Red (29%)
- Green (71%)
- Blue (68%)



- Red (29%)
- Yellow (51%)
- Blue (71%)



- Cyan (58%)
- Magenta (0%)
- Yellow (4%)
- Black (29%)



- Cyan (71%)
- Magenta (29%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.7657, 37.1555, 45.2962 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 26.7657, 37.1555, 45.2962 by changing the saturation by 10% instead.

■ 26.7657, 37.1555,
45.2962

■ 26.7657, 37.1555,
45.2962

278.7092,
333.9833, 384.1669

■ 17.5330, 25.3279,
31.3462

■ 53.9302, 70.8119,
84.4879

■ 10.7129, 16.3215,
20.6019

■ 72.5927, 93.4095,
110.5666

■ 5.9400, 9.7520,
12.6449

■ 95.1293, 120.3658,
141.5252

■ 2.8489, 5.2348,
7.0567

■ 121.9051,
152.0654, 177.7824

■ 1.0744, 2.3857,
3.4186

■ 153.2857,
188.8925, 219.7566

■ 0.0035, 0.8185,
1.3121

189.6363,

■ 0.0000, 0.0000,

231.2316, 267.8664

0.0717

231.3224,
279.4670, 322.5303

■ 0.0000, 0.0000,
0.0000

■ 26.7657, 37.1555,
45.2962

■ 26.7657, 37.1555,
45.2962

■ 25.4367, 36.4846,
44.6312

■ 28.4962, 38.0350,
45.9871

■ 24.4714, 36.0002,
43.9878

■ 30.6554, 39.1345,
46.7027

■ 23.8303, 35.6828,
43.3650

■ 33.2721, 40.4697,
47.4452

■ 23.4460, 35.4977,
42.7596

■ 36.3715, 42.0537,
48.2158

■ 23.3897, 35.4709,
42.6595

■ 39.9771, 43.8985,
49.0156

■ 44.1107, 46.0153,
49.8456

■ 48.7929, 48.4149,
50.7068

■ 54.0433, 51.1072,
51.6002

■ 59.8804, 54.1019,
52.5265

Harmonies

Analogous

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



27.1326, 37.1555, 31.8039



26.7657, 37.1555, 45.2962



28.5202, 37.1555, 60.5016

Triad

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



26.7657, 37.1555, 45.2962



41.7553, 37.1555, 65.1092



38.6833, 37.1555, 19.9255

Complementary

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



26.7657, 37.1555, 45.2962



22.8627, 15.3457, 9.7408

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.



43.1118, 37.1555, 25.4135



26.7657, 37.1555, 45.2962



44.9969, 37.1555, 50.5502

Square

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



26.7657, 37.1555, 45.2962



36.9671, 37.1555, 73.5782



45.5152, 37.1555, 35.9735



33.7132, 37.1555, 19.1511

Rectangle

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



26.7657, 37.1555, 45.2962



30.7621, 37.1555, 68.8123



45.5152, 37.1555, 35.9735



40.2968, 37.1555, 21.2069

Sweetspot

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



26.7668, 37.1569, 45.2971



66.5838, 76.5753, 87.5708



21.2262, 35.0253, 12.2992



14.1330, 16.4186, 18.8667



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.



26.7668, 37.1569, 45.2971



45.5542, 65.8669, 80.5845



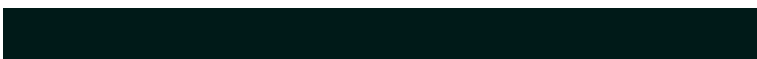
19.9804, 22.4712, 46.4659



8.7177, 9.6216, 10.7731



16.3338, 24.7595, 29.8244



0.5212, 0.7819, 0.9767

Inverse Universe

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



22.8627, 15.3457, 9.7408



37.8407, 22.6212, 10.2217



26.6608, 23.3468, 9.7586



8.5186, 8.5142, 8.9633



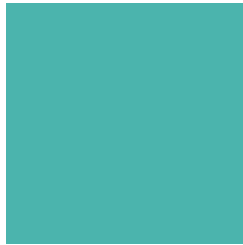
13.1928, 6.7947, 0.9091



0.4227, 0.2168, 0.0684

Previews

White Background



This preview shows how the XYZ color 26.7657, 37.1555, 45.2962 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 26.7657, 37.1555, 45.2962 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

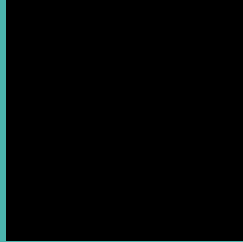
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 26.7657, 37.1555, 45.2962

Background



This preview shows how black text looks on a background with the XYZ color 26.7657, 37.1555, 45.2962.

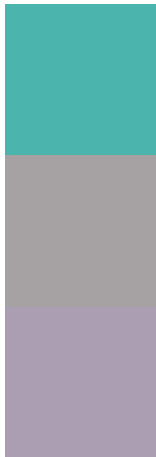


This preview shows how white text looks on a background with the XYZ color 26.7657, 37.1555,

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

26.7657, 37.1555, 45.2962

Protanopia

35.2571, 36.5920, 39.8550

Deuteranopia

37.2760, 36.4387, 47.1882



Tritanopia

28.7162, 37.0439, 55.5059

Trichromacy



Original Color

26.7657, 37.1555, 45.2962



Protanomaly

30.8359, 36.1525, 41.9121



Deuteranomaly

31.7892, 35.7254, 46.2945



Tritanomaly

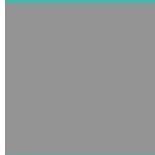
27.9018, 37.0058, 51.5712

Monochromacy



Original Color

26.7657, 37.1555, 45.2962



Achromatopsia

28.1479, 29.6138, 32.2495



Achromatomaly

26.5418, 31.6409, 36.6067

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.7657, 37.1555, 45.2962 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, 180, 173)` looks like.

```
.text, #text, p{  
    color:rgb(75, 180, 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, 180, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 180, 173) }
```

Border

The CSS property to change the border of an element to XYZ 26.7657, 37.1555, 45.2962 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, 180, 173) }
```


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

```
.border{ border-color:rgb(75, 180, 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, 180, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 180, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 180, 173);  
box-shadow:4px 4px 4px 4px rgb(75, 180,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 26.7657, 37.1555, 45.2962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 180, 173) }
```

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

```
.background{ background-color: rgb(75, 180,  
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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