

Converting Colors

XYZ(26.9317, 37.7928, 45.0871)

Have a look what the booklet for
XYZ(26.9317, 37.7928, 45.0871)
contains.

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Color

**XYZ(26.9220, 37.8509,
44.9167)**

Conversions

Conversions Part 1

Format	Color
Hex	49B6AC
RGB	73, 182, 172
RGB Percent	29%, 71%, 67%
CMY	0.7137, 0.2863, 0.3255
CMYK	0.60, 0.00, 0.05, 0.29
HSL	174°, 43%, 50%
HSV	174°, 60%, 71%
XYZ	26.9220, 37.8509, 44.9167
YIQ	148.2690, -61.7540, -26.2180

Conversions

Conversions Part 2

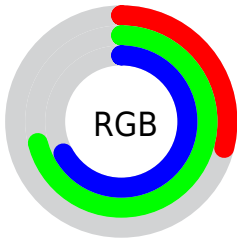
Format	Color
RYB	73, 130, 182
Decimal	4830892
CIELab	67.91, -33.32, -4.21
CIELCh	68, 33.581, 187.202
Yxy	37.8509, 0.2454, 0.3451
Android (android.graphics.Color)	4283020972 (0xFF49B6AC)
YUV	148.2690, 11.6994, -66.0109
Hunter-Lab	61.5231, -29.5553, -0.2202

Details

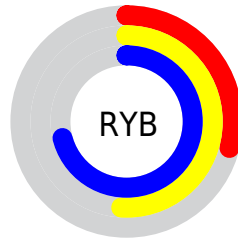
The XYZ color **26.9220, 37.8509, 44.9167** is a dark color, and the websafe version is hex **66CCCC**. A complement of this color would be **23.2366, 15.3359, 9.9204**, and the grayscale version is **28.2328, 29.7031, 32.3467**.

A 20% lighter version of the original color is **53.9554, 71.6007, 83.6496**, and **11.1093, 16.7944, 20.4254** is the 20% darker color. If you saturate the color by 10%, you get **25.5805, 37.1786, 44.0226**, and if you desaturate by 10%, it is **28.6712, 38.7349, 45.8420**.

Distribution



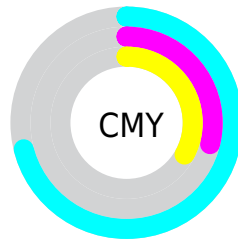
- Red (29%)
- Green (71%)
- Blue (67%)



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



- Cyan (60%)
- Magenta (0%)
- Yellow (5%)
- Black (29%)



- Cyan (71%)
- Magenta (29%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.9220, 37.8509, 44.9167 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 26.9220, 37.8509, 44.9167 by changing the saturation by 10% instead.

■ 26.9220, 37.8509,
44.9167

■ 26.9220, 37.8509,
44.9167

279.4537,
336.9799, 382.5864

■ 17.6509, 25.8670,
31.0493

■ 54.1794, 71.8795,
83.9125

■ 10.7978, 16.7242,
20.3776

■ 72.8965, 94.6931,
109.8781

■ 5.9973, 10.0380,
12.4831

■ 95.4930, 121.8853,
140.7134

■ 2.8841, 5.4242,
6.9470

■ 122.3343,
153.8405, 176.8372

■ 1.0928, 2.4982,
3.3511

■ 153.7856,
190.9432, 218.6678

■ 0.0191, 0.8758,
1.2766

190.2124,

■ 0.0000, 0.0000,

233.5777, 266.6238

0.0425

231.9799,
282.1285, 321.1238

■ 0.0000, 0.0000,
0.0000

■ 26.9220, 37.8509,
44.9167

■ 26.9220, 37.8509,
44.9167

■ 25.5805, 37.1786,
44.0226

■ 28.6712, 38.7349,
45.8420

■ 24.6070, 36.6950,
43.1554

■ 30.8567, 39.8427,
46.7975

■ 23.9598, 36.3793,
42.3140

■ 33.5084, 41.1906,
47.7854

■ 23.5519, 36.1867,
41.4941

■ 36.6527, 42.7921,
48.8070

■ 23.5476, 36.1847,
41.4850

■ 40.3139, 44.6599,
49.8635

■ 44.5146, 46.8057,
50.9559

■ 49.2763, 49.2404,
52.0853

■ 54.6192, 51.9744,
53.2527

■ 60.5625, 55.0178,
54.4591

Harmonies

Analogous

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



27.5063, 37.8509, 31.0629



26.9220, 37.8509, 44.9167



28.5701, 37.8509, 61.1145

Triad

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



26.9220, 37.8509, 44.9167



42.3815, 37.8509, 68.5591



40.0005, 37.8509, 20.0138

Complementary

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



26.9220, 37.8509, 44.9167



23.2366, 15.3359, 9.9204

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.



44.5627, 37.8509, 26.1824



26.9220, 37.8509, 44.9167



46.0274, 37.8509, 53.3639

Square

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



26.9220, 37.8509, 44.9167



37.2471, 37.8509, 76.7460



46.8619, 37.8509, 37.7191



34.7345, 37.8509, 18.7941

Rectangle

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



26.9220, 37.8509, 44.9167



30.8164, 37.8509, 70.3502



46.8619, 37.8509, 37.7191



41.6819, 37.8509, 21.4901

Sweetspot

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



26.9231, 37.8524, 44.9176



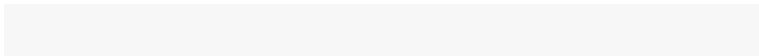
67.4361, 78.0825, 88.7826



21.5790, 35.8186, 12.0806



14.4980, 17.0438, 19.4883



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



26.9231, 37.8524, 44.9176



45.7171, 67.0737, 79.2809



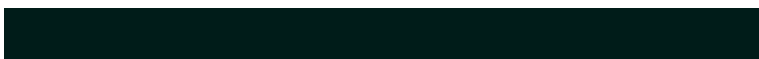
20.3384, 23.0873, 47.6419



9.2302, 10.1960, 11.3695



16.6414, 25.5575, 29.3634



0.5971, 0.9051, 1.0901

Inverse Universe

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



23.2366, 15.3359, 9.9204



38.4726, 22.5842, 10.3280



26.8101, 23.0571, 9.3417



9.0372, 9.0252, 9.5433



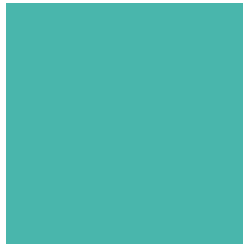
13.7045, 7.0556, 1.0648



0.4944, 0.2532, 0.0967

Previews

White Background



This preview shows how the XYZ color 26.9220, 37.8509, 44.9167 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 26.9220, 37.8509, 44.9167 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

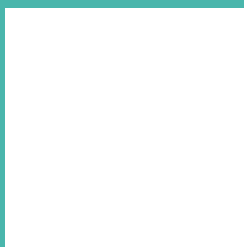
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.9220, 37.8509, 44.9167

Background



This preview shows how black text looks on a background with the XYZ color 26.9220, 37.8509, 44.9167.

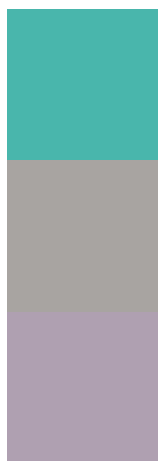


This preview shows how white text looks on a background with the XYZ color 26.9220, 37.8509,

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

26.9220, 37.8509, 44.9167

Protanopia

35.8569, 37.4490, 39.0567

Deuteranopia

38.1858, 37.4299, 46.8071



Tritanopia

29.2254, 37.8843, 56.2241

Trichromacy



Original Color

26.9220, 37.8509, 44.9167



Protanomaly

31.0273, 36.8290, 41.0707



Deuteranomaly

32.2217, 36.5037, 45.9051



Tritanomaly

28.3027, 37.8076, 51.7048

Monochromacy



Original Color

26.9220, 37.8509, 44.9167



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 26.9220, 37.8509, 44.9167 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(73, 182, 172)` looks like.

```
.text, #text, p{  
    color:rgb(73, 182, 172)  
}
```

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(73, 182, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 182, 172) }
```

Border

The CSS property to change the border of an element to XYZ 26.9220, 37.8509, 44.9167 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(73, 182, 172) }
```


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

```
.border{ border-color:rgb(73, 182, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 182, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 182, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 182, 172);  
box-shadow:4px 4px 4px 4px rgb(73, 182,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 26.9220, 37.8509, 44.9167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 182, 172) }
```

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

```
.background{ background-color: rgb(73, 182,  
172) }
```

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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