

Converting Colors

XYZ(32.6955, 42.0476, 42.5429)

Have a look what the booklet for
XYZ(32.6955, 42.0476, 42.5429)
contains.

XYZ(32.7540, 42.1561, 42.4870)	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(32.7540, 42.1561,
42.4870)**

Conversions

Conversions Part 1

Format	Color
Hex	7CBAA6
RGB	124, 186, 166
RGB Percent	49%, 73%, 65%
CMY	0.5137, 0.2706, 0.3490
CMYK	0.33, 0.00, 0.11, 0.27
HSL	161°, 31%, 61%
HSV	161°, 33%, 73%
XYZ	32.7540, 42.1561, 42.4870
YIQ	165.1820, -30.5320, -19.3640

Conversions

Conversions Part 2

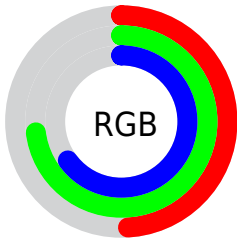
Format	Color
RYB	124, 161, 186
Decimal	8174246
CIELab	70.98, -24.36, 3.81
CIELCh	71, 24.657, 171.102
Yxy	42.1561, 0.2790, 0.3591
Android (android.graphics.Color)	4286364326 (0xFF7CBAA6)
YUV	165.1820, 0.4033, -36.1166
Hunter-Lab	64.9277, -23.5759, 6.6516

Details

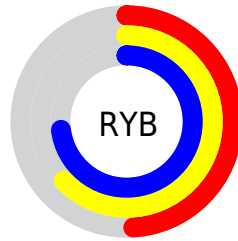
The XYZ color **32.7540, 42.1561, 42.4870** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **32.4928, 26.8690, 29.8609**, and the grayscale version is **35.8611, 37.7286, 41.0865**.

A 20% lighter version of the original color is **63.1634, 78.1897, 80.1697**, and **14.0973, 19.3677, 18.9149** is the 20% darker color. If you saturate the color by 10%, you get **29.7779, 40.6851, 39.5416**, and if you desaturate by 10%, it is **36.2652, 43.9022, 45.5933**.

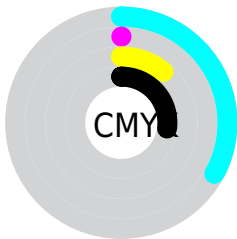
Distribution



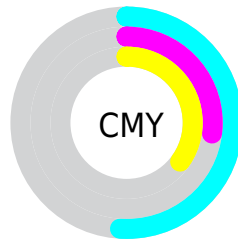
- Red (49%)
- Green (73%)
- Blue (65%)



- Red (49%)
- Yellow (63%)
- Blue (73%)



- Cyan (33%)
- Magenta (0%)
- Yellow (11%)
- Black (27%)



- Cyan (51%)
- Magenta (27%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.7540, 42.1561, 42.4870 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 32.7540, 42.1561, 42.4870 by changing the saturation by 10% instead.

■ 32.7540, 42.1561,
42.4870

■ 32.7540, 42.1561,
42.4870

306.2244,
355.1296, 372.3568

■ 22.0964, 29.2235,
29.1544

■ 63.3485, 78.4358,
80.2142

■ 14.0447, 19.2500,
18.9511

■ 84.0162, 102.5518,
105.4458

■ 8.2337, 11.8511,
11.4585

■ 108.7512,
131.1643, 135.4809

■ 4.2979, 6.6423,
6.2581

137.9189,
164.6578, 170.7380

■ 1.8720, 3.2394,
2.9313

171.8848,
203.4167, 211.6356

■ 0.5605, 1.2580,
1.0597

211.0140,

■ 0.0000, 0.1083,

247.8254, 258.5922

0.0000

255.6721,
298.2682, 312.0265

■ 0.0000, 0.0000,
0.0000

■ 32.7540, 42.1561,
42.4870

■ 32.7540, 42.1561,
42.4870

■ 29.7779, 40.6851,
39.5416

■ 36.2652, 43.9022,
45.5933

■ 27.3044, 39.4691,
36.7511

■ 40.3346, 45.9320,
48.8608

■ 25.3029, 38.4936,
34.1132

■ 44.9883, 48.2599,
52.2931

■ 23.7379, 37.7403,
31.6243

■ 50.2495, 50.8979,
55.8933

■ 22.5686, 37.1882,
29.2805

■ 56.1404, 53.8574,
59.6638

■ 21.7461, 36.8121,
27.0776

■ 62.6817, 57.1490,
63.6075

■ 21.3254, 36.6257,
25.6833

■ 69.8934, 60.7831,
67.7268

■ 70.9381, 61.2347,
71.7032

■ 71.7189, 61.5471,
75.8148

Harmonies

Analogous

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



34.2249, 42.1561, 33.1008



32.7540, 42.1561, 42.4870



33.1358, 42.1561, 54.5445

Triad

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



32.7540, 42.1561, 42.4870



42.9823, 42.1561, 70.4300



45.2403, 42.1561, 30.4384

Complementary

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



32.7540, 42.1561, 42.4870



32.4928, 26.8690, 29.8609

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.



47.9056, 42.1561, 38.2223



32.7540, 42.1561, 42.4870



46.5412, 42.1561, 61.6367

Square

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



32.7540, 42.1561, 42.4870



38.8577, 42.1561, 72.1004



48.3973, 42.1561, 49.4928



41.3034, 42.1561, 26.9687

Rectangle

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



32.7540, 42.1561, 42.4870



34.4011, 42.1561, 62.4523



48.3973, 42.1561, 49.4928



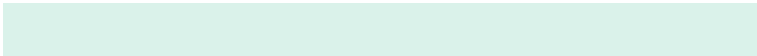
46.3256, 42.1561, 32.5672

Sweetspot

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



32.7552, 42.1578, 42.4880



75.6614, 84.5280, 90.4976



32.8167, 42.5644, 25.5555



16.4081, 18.4876, 19.7379



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



32.7552, 42.1578, 42.4880



55.3220, 74.4074, 73.0673



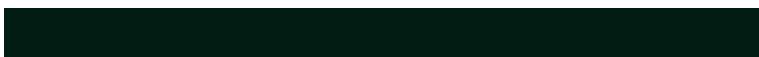
32.6365, 38.7520, 52.2162



9.1401, 10.1600, 10.8950



14.3819, 24.6537, 17.4647



0.5340, 0.8799, 0.7578

Inverse Universe

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



32.4928, 26.8690, 29.8609



54.7798, 42.4383, 46.6960



32.4603, 29.0379, 22.9634



9.1208, 9.0587, 9.9837



14.2030, 7.2550, 3.6900



0.5298, 0.2674, 0.2835

Previews

White Background



This preview shows how the XYZ color 32.7540, 42.1561, 42.4870 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 32.7540, 42.1561, 42.4870 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

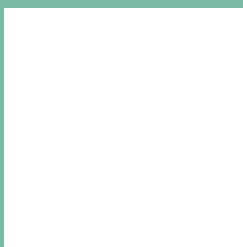
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.7540, 42.1561, 42.4870

Background



This preview shows how black text looks on a background with the XYZ color 32.7540, 42.1561, 42.4870.



This preview shows how white text looks on a background with the XYZ color 32.7540, 42.1561,

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

32.7540, 42.1561, 42.4870

Protanopia

39.6009, 41.5920, 38.7417

Deuteranopia

42.5603, 41.6161, 43.8197



Tritanopia

36.0518, 42.2667, 58.4827

Trichromacy



Original Color

32.7540, 42.1561, 42.4870

Protanomaly

36.5418, 41.4238, 40.2521

Deuteranomaly

38.2338, 41.3522, 43.5027

Tritanomaly

34.5925, 41.9589, 52.1746

Monochromacy



Original Color

32.7540, 42.1561, 42.4870

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

34.3128, 39.0878, 41.3335

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.7540, 42.1561, 42.4870 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(124, 186, 166)` looks like.

```
.text, #text, p{  
    color:rgb(124, 186, 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(124, 186, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 186, 166) }
```

Border

The CSS property to change the border of an element to XYZ 32.7540, 42.1561, 42.4870 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(124, 186, 166) }
```


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

```
.border{ border-color:rgb(124, 186, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 186, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 186, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 186, 166);  
box-shadow:4px 4px 4px 4px rgb(124, 186,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 32.7540, 42.1561, 42.4870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 186, 166) }
```

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

```
.background{ background-color: rgb(124,  
186, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor