

Converting Colors

XYZ(32.1654, 42.6434, 41.5332)

Have a look what the booklet for
XYZ(32.1654, 42.6434, 41.5332)
contains.

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Color

**XYZ(32.1553, 42.4983,
41.6302)**

Conversions

Conversions Part 1

Format	Color
Hex	76BCA4
RGB	118, 188, 164
RGB Percent	46%, 74%, 64%
CMY	0.5372, 0.2627, 0.3569
CMYK	0.37, 0.00, 0.13, 0.26
HSL	159°, 34%, 60%
HSV	159°, 37%, 74%
XYZ	32.1553, 42.4983, 41.6302
YIQ	164.3340, -34.0160, -22.3040

Conversions

Conversions Part 2

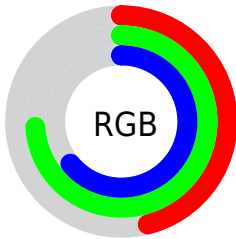
Format	Color
R_{YB}	118, 160, 188
Decimal	7781540
CIE _{Lab}	71.21, -27.52, 5.21
CIE _{LCh}	71, 28.010, 169.285
Yxy	42.4983, 0.2765, 0.3655
Android (android.graphics.Color)	4285971620 (0xFF76BCA4)
YUV	164.3340, -0.1647, -40.6349
Hunter-Lab	65.1907, -26.0387, 7.7715

Details

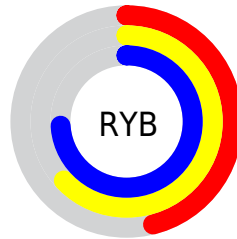
The XYZ color **32.1553, 42.4983, 41.6302** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **32.1014, 25.6024, 28.8428**, and the grayscale version is **35.4590, 37.3057, 40.6259**.

A 20% lighter version of the original color is **62.6722, 79.3035, 79.0218**, and **13.6297, 19.3439, 18.3446** is the 20% darker color. If you saturate the color by 10%, you get **29.2850, 41.0853, 38.5342**, and if you desaturate by 10%, it is **35.5663, 44.1889, 44.9074**.

Distribution



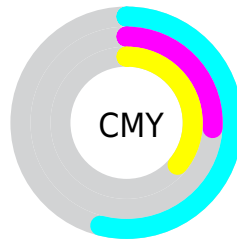
- Red (46%)
- Green (74%)
- Blue (64%)



- Red (46%)
- Yellow (63%)
- Blue (74%)



- Cyan (37%)
- Magenta (0%)
- Yellow (13%)
- Black (26%)





- Cyan (54%)
- Magenta (26%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.1553, 42.4983, 41.6302 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 32.1553, 42.4983, 41.6302 by changing the saturation by 10% instead.


 32.1553, 42.4983,
41.6302


 32.1553, 42.4983,
41.6302


303.5588,
356.5444, 368.7020


 21.6363, 29.4917,
28.4884


 62.4180, 78.9532,
78.9037

 13.7050, 19.4531,
18.4519


 82.8924, 103.1703,
103.8725

 7.9961, 11.9981,
11.1021

 107.4160,
131.8930, 133.6207

 4.1442, 6.7424,
6.0205

136.3541,
165.5057, 168.5669

 1.7841, 3.3015,
2.7886

170.0721,
204.3928, 209.1295

 0.5080, 1.2911,
0.9877

208.9353,

 0.0000, 0.1343,

248.9387, 255.7273

0.0000

253.3091,
299.5278, 308.7786

■ 0.0000, 0.0000,
0.0000

■ 32.1553, 42.4983,
41.6302

■ 32.1553, 42.4983,
41.6302

■ 29.2850, 41.0853,
38.5342

■ 35.5663, 44.1889,
44.9074

■ 26.9210, 39.9288,
35.6127

■ 39.5428, 46.1664,
48.3665

■ 25.0305, 39.0131,
32.8629

■ 44.1123, 48.4461,
52.0117

■ 23.5750, 38.3185,
30.2807

■ 49.2992, 51.0406,
55.8464

■ 22.5098, 37.8218,
27.8614

■ 55.1269, 53.9617,
59.8738

■ 21.7715, 37.4904,
25.5996

■ 61.6172, 57.2208,
64.0968

■ 21.5931, 37.4115,
24.9999

■ 68.7910, 60.8287,
68.5184

■ 71.5633, 62.1636,
72.9028

■ 72.4112, 62.5028,
77.3676

Harmonies

Analogous

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



33.9288, 42.4983, 31.3723



32.1553, 42.4983, 41.6302



32.4562, 42.4983, 55.3499

Triad

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



32.1553, 42.4983, 41.6302



43.4494, 42.4983, 75.2242



46.5740, 42.4983, 29.3105

Complementary

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



32.1553, 42.4983, 41.6302



32.1014, 25.6024, 28.8428

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.



49.5293, 42.4983, 38.2478



32.1553, 42.4983, 41.6302



47.6309, 42.4983, 65.2736

Square

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



32.1553, 42.4983, 41.6302



38.7378, 42.4983, 76.6154



49.9304, 42.4983, 51.2497



42.0955, 42.4983, 25.2321

Rectangle

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



32.1553, 42.4983, 41.6302



33.8000, 42.4983, 64.6537



49.9304, 42.4983, 51.2497



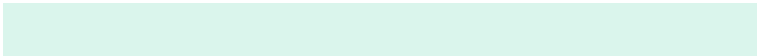
47.7928, 42.4983, 31.7554

Sweetspot

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



32.1565, 42.5000, 41.6312



76.5446, 86.1005, 91.6121



32.4959, 43.0713, 23.7412



16.2184, 18.3947, 19.5081



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.



32.1565, 42.5000, 41.6312



53.7917, 74.8113, 70.6545



32.3708, 39.1262, 53.4249



9.6658, 10.7524, 11.4895



14.7371, 25.4851, 17.2100



0.6068, 1.0101, 0.8299

Inverse Universe

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



32.1014, 25.6024, 28.8428



53.6863, 39.5986, 44.0511



31.7950, 27.5697, 20.7860



9.6616, 9.5889, 10.6068



14.7910, 7.5476, 4.1931



0.6106, 0.3081, 0.3287

Previews

White Background



This preview shows how the XYZ color 32.1553, 42.4983, 41.6302 looks on a white background.

Color Contrast Check

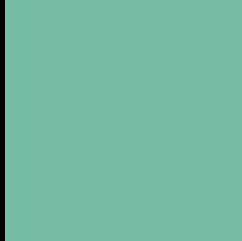
Large Text (above 18pt) WCAG AA × Fail

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 32.1553, 42.4983, 41.6302 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 32.1553, 42.4983, 41.6302

Background



This preview shows how black text looks on a background with the XYZ color 32.1553, 42.4983, 41.6302.

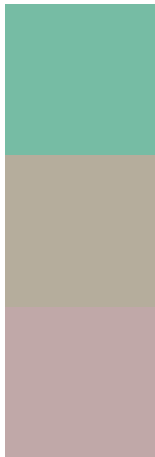


This preview shows how white text looks on a background with the XYZ color 32.1553, 42.4983,

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

32.1553, 42.4983, 41.6302

Protanopia

40.0004, 42.1112, 37.4725

Deuteranopia

42.8087, 42.0389, 42.9038



Tritanopia

35.7307, 42.3798, 59.7230

Trichromacy



Original Color

32.1553, 42.4983, 41.6302

Protanomaly

36.2790, 41.6131, 38.9209

Deuteranomaly

37.8221, 41.4493, 42.5663

Tritanomaly

34.3803, 42.4540, 52.8368

Monochromacy



Original Color

32.1553, 42.4983, 41.6302

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

33.6770, 38.7705, 40.8304

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.1553, 42.4983, 41.6302 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(118, 188, 164)` looks like.

```
.text, #text, p{  
    color:rgb(118, 188, 164)  
}
```

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(118, 188, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 188, 164) }
```

Border

The CSS property to change the border of an element to XYZ 32.1553, 42.4983, 41.6302 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(118, 188, 164) }
```


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

```
.border{ border-color:rgb(118, 188, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 188, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 188, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 188, 164);  
box-shadow:4px 4px 4px 4px rgb(118, 188,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 32.1553, 42.4983, 41.6302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 188, 164) }
```

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

```
.background{ background-color: rgb(118,  
188, 164) }
```

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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