

Converting Colors

XYZ(32.6756, 42.1801, 44.0104)

Have a look what the booklet for
XYZ(32.6756, 42.1801, 44.0104)
contains.

XYZ(32.6055, 42.0473, 43.9336)	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(32.6055, 42.0473,
43.9336)**

Conversions

Conversions Part 1

Format	Color
Hex	79BAA9
RGB	121, 186, 169
RGB Percent	47%, 73%, 66%
CMY	0.5255, 0.2706, 0.3372
CMYK	0.35, 0.00, 0.09, 0.27
HSL	164°, 32%, 60%
HSV	164°, 35%, 73%
XYZ	32.6055, 42.0473, 43.9336
YIQ	164.6270, -33.2830, -19.0670

Conversions

Conversions Part 2

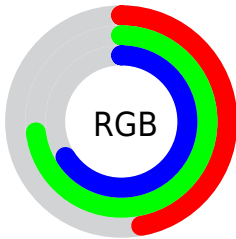
Format	Color
RYB	121, 158, 186
Decimal	7977641
CIELab	70.90, -24.57, 2.04
CIElCh	71, 24.653, 175.243
Yxy	42.0473, 0.2750, 0.3546
Android (android.graphics.Color)	4286167721 (0xFF79BAA9)
YUV	164.6270, 2.1559, -38.2609
Hunter-Lab	64.8439, -23.7215, 5.2200

Details

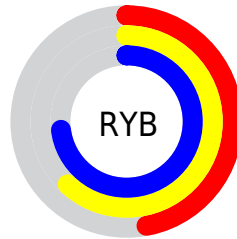
The XYZ color **32.6055, 42.0473, 43.9336** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **31.6760, 25.9500, 27.3857**, and the grayscale version is **35.5880, 37.4413, 40.7736**.

A 20% lighter version of the original color is **62.8859, 78.0000, 82.2621**, and **14.0527, 19.3246, 19.8190** is the 20% darker color. If you saturate the color by 10%, you get **29.7980, 40.6528, 41.4628**, and if you desaturate by 10%, it is **35.9350, 43.7110, 46.5194**.

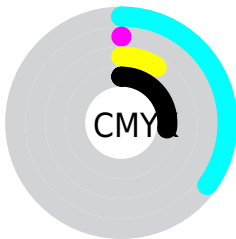
Distribution



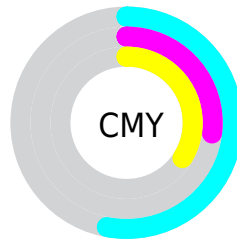
- Red (47%)
- Green (73%)
- Blue (66%)



- Red (47%)
- Yellow (62%)
- Blue (73%)



- Cyan (35%)
- Magenta (0%)
- Yellow (9%)
- Black (27%)




- Cyan (53%)
- Magenta (27%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.6055, 42.0473, 43.9336 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 32.6055, 42.0473, 43.9336 by changing the saturation by 10% instead.


 32.6055, 42.0473,
43.9336


 32.6055, 42.0473,
43.9336


305.5648,
354.6790, 378.4707

 21.9822, 29.1383,
30.2815


 63.1179, 78.2712,
82.4192

 13.9603, 19.1855,
19.7985

 83.7378, 102.3549,
108.0898

 8.1746, 11.8044,
12.0660

 108.4205,
130.9324, 138.6037

 4.2596, 6.6106,
6.6656

137.5315,
164.3879, 174.3793

 1.8500, 3.2198,
3.1786

171.4360,
203.1059, 215.8353

 0.5475, 1.2475,
1.1865

210.4995,

 0.0000, 0.1000,

247.4709, 263.3902

0.0000

255.0874,
297.8671, 317.4625

■ 0.0000, 0.0000,
0.0000

■ 32.6055, 42.0473,
43.9336

■ 32.6055, 42.0473,
43.9336

■ 29.7980, 40.6528,
41.4628

■ 35.9350, 43.7110,
46.5194

■ 27.4796, 39.5076,
39.1018

■ 39.8097, 45.6528,
49.2194

■ 25.6196, 38.5966,
36.8490

■ 44.2559, 47.8871,
52.0368

■ 24.1817, 37.9014,
34.7018

■ 49.2968, 50.4260,
54.9736

■ 23.1244, 37.4005,
32.6573

■ 54.9546, 53.2809,
58.0316

■ 22.3969, 37.0678,
30.7121

■ 61.2502, 56.4625,
61.2127

■ 22.1003, 36.9355,
29.7638

■ 68.2035, 59.9811,
64.5188

■ 70.1753, 60.9295,
67.6868

■ 70.7830, 61.1726,
70.8867

Harmonies

Analogous

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



33.8260, 42.0473, 34.0695



32.6055, 42.0473, 43.9336



33.2438, 42.0473, 56.1118

Triad

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



32.6055, 42.0473, 43.9336



43.4251, 42.0473, 69.4163



44.6342, 42.0473, 29.6125

Complementary

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



32.6055, 42.0473, 43.9336



31.6760, 25.9500, 27.3857

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.



47.5354, 42.0473, 36.8054



32.6055, 42.0473, 43.9336



46.8045, 42.0473, 59.9123

Square

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



32.6055, 42.0473, 43.9336



39.3138, 42.0473, 72.1980



48.3554, 42.0473, 47.6823



40.6227, 42.0473, 26.7523

Rectangle

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



32.6055, 42.0473, 43.9336



34.6622, 42.0473, 63.7777



48.3554, 42.0473, 47.6823



45.7821, 42.0473, 31.5369

Sweetspot

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



32.6067, 42.0490, 43.9346



75.8753, 84.6136, 91.6241



31.5479, 41.9318, 24.5208



16.4614, 18.5089, 20.0189



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.



32.6067, 42.0490, 43.9346



55.0749, 74.2117, 76.1416



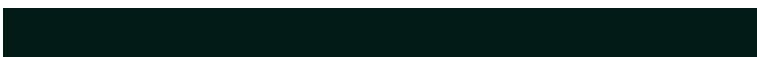
31.2808, 36.6745, 51.8865



9.1637, 10.1694, 11.0192



14.8998, 24.8609, 20.1919



0.5492, 0.8860, 0.8377

Inverse Universe

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



31.6760, 25.9500, 27.3857



53.1418, 40.6200, 41.6559



32.5299, 29.4761, 22.0649



9.0985, 9.0498, 9.8660



14.0182, 7.1810, 2.7165



0.5205, 0.2637, 0.2341

Previews

White Background



This preview shows how the XYZ color 32.6055, 42.0473, 43.9336 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 32.6055, 42.0473, 43.9336 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

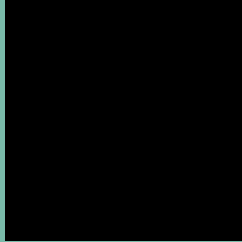
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.6055, 42.0473, 43.9336

Background



This preview shows how black text looks on a background with the XYZ color 32.6055, 42.0473, 43.9336.

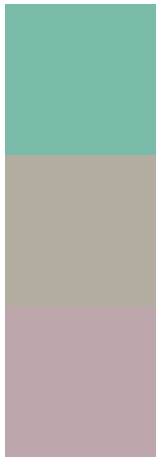


This preview shows how white text looks on a background with the XYZ color 32.6055, 42.0473,

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

32.6055, 42.0473, 43.9336

Protanopia

39.7760, 41.6620, 39.6634

Deuteranopia

42.3478, 41.4734, 45.3084



Tritanopia

35.5584, 41.9991, 59.0558

Trichromacy



Original Color

32.6055, 42.0473, 43.9336

Protanomaly

36.5235, 41.3937, 41.1867

Deuteranomaly

37.8923, 41.1432, 44.9740

Tritanomaly

34.3606, 41.8148, 53.2738

Monochromacy



Original Color

32.6055, 42.0473, 43.9336

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

34.2209, 39.0299, 41.8063

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.6055, 42.0473, 43.9336 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(121, 186, 169)` looks like.

```
.text, #text, p{  
    color:rgb(121, 186, 169)  
}
```

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(121, 186, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 186, 169) }
```

Border

The CSS property to change the border of an element to XYZ 32.6055, 42.0473, 43.9336 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(121, 186, 169) }
```


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

```
.border{ border-color:rgb(121, 186, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 186, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 186, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 186, 169);  
box-shadow:4px 4px 4px 4px rgb(121, 186,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 32.6055, 42.0473, 43.9336 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 186, 169) }
```

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

```
.background{ background-color: rgb(121,  
186, 169) }
```

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