

Converting Colors

XYZ(32.8041, 55.9547, 40.2857)

Have a look what the booklet for
XYZ(32.8041, 55.9547, 40.2857)
contains.

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Color

**XYZ(32.6597, 55.7230,
40.0446)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------------|
| Hex | 07E09B |
| RGB | 7, 224, 155 |
| RGB Percent | 3%, 88%, 61% |
| CMY | 0.9724, 0.1216, 0.3921 |
| CMYK | 0.97, 0.00, 0.31, 0.12 |
| HSL | 161°, 94%, 45% |
| HSV | 161°, 97%, 88% |
| XYZ | 32.6597, 55.7230, 40.0446 |
| YIQ | 151.2510, -107.1830, -67.4630 |

Conversions

Conversions Part 2

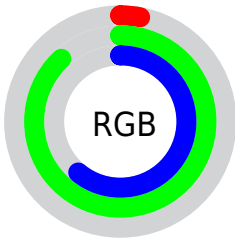
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 7, 136, 224 |
| Decimal | 516251 |
| CIELab | 79.46, -61.24, 21.29 |
| CIELCh | 79, 64.832, 160.833 |
| Yxy | 55.7230, 0.2543, 0.4339 |
| Android (android.graphics.Color) | 4278706331 (0xFF07E09B) |
| YUV | 151.2510, 1.8483, -126.5081 |
| Hunter-Lab | 74.6478, -52.5369, 20.4476 |

Details

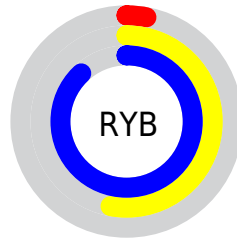
The XYZ color **32.6597, 55.7230, 40.0446** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **32.1235, 16.5227, 8.3394**, and the grayscale version is **29.5527, 31.0918, 33.8589**.

A 20% lighter version of the original color is **53.5772, 79.3613, 73.4672**, and **16.2669, 28.6167, 17.4982** is the 20% darker color. If you saturate the color by 10%, you get **32.3871, 55.6054, 39.0618**, and if you desaturate by 10%, it is **33.7083, 56.1938, 43.3110**.

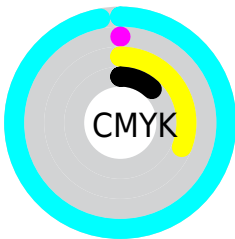
Distribution



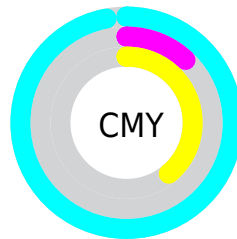
- Red (3%)
- Green (88%)
- Blue (61%)



- Red (3%)
- Yellow (53%)
- Blue (88%)



- Cyan (97%)
- Magenta (0%)
- Yellow (31%)
- Black (12%)





- Cyan (97%)
- Magenta (12%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.6597, 55.7230, 40.0446 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 32.6597, 55.7230, 40.0446 by changing the saturation by 10% instead.


 32.6597, 55.7230,
40.0446


 32.6597, 55.7230,
40.0446


305.8057,
408.6468, 361.8692


 22.0239, 39.9809,
27.2593


 63.2021, 98.5995,
76.4693


 13.9911, 27.5236,
17.5339


 83.8394, 126.5026,
100.9457


 8.1962, 17.9669,
10.4499


 108.5412,
159.2282, 130.1562

 4.2736, 10.9262,
5.5888

 137.6729,
197.1606, 164.5193

 1.8580, 6.0172,
2.5320

 171.5999,
240.6843, 204.4537

 0.5523, 2.8556,
0.8570

210.6874,

 0.0000, 1.0568,

290.1836, 250.3777

0.0000

255.3009,
346.0430, 302.7101

■ 0.0000, 0.0000,
0.0000

■ 32.6597, 55.7230,
40.0446

■ 32.6597, 55.7230,
40.0446

■ 32.3871, 55.6054,
39.0618

■ 33.7083, 56.1938,
43.3110

■ 35.2490, 56.9127,
46.7865

■ 37.3720, 57.9276,
50.4797

■ 40.1463, 59.2740,
54.3965

■ 43.6310, 60.9823,
58.5428

■ 47.8784, 63.0793,
62.9237

■ 52.9355, 65.5894,
67.5442

■ 58.8456, 68.5346,
72.4090

■ 65.6489, 71.9357,
77.5226

Harmonies

Analogous

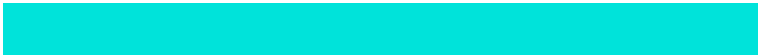
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



38.2216, 55.7230, 20.9848



32.6597, 55.7230, 40.0446



31.9821, 55.7230, 75.1711

Triad

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



32.6597, 55.7230, 40.0446



57.8092, 55.7230, 161.8595



74.2543, 55.7230, 24.8290

Complementary

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



32.6597, 55.7230, 40.0446



32.1235, 16.5227, 8.3394

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.



81.5553, 55.7230, 48.1701



32.6597, 55.7230, 40.0446



71.0777, 55.7230, 132.7009

Square

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



32.6597, 55.7230, 40.0446



45.1608, 55.7230, 156.7267



80.3059, 55.7230, 87.3908



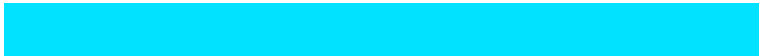
61.6158, 55.7230, 15.0205

Rectangle

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



32.6597, 55.7230, 40.0446



34.2426, 55.7230, 105.3419



80.3059, 55.7230, 87.3908



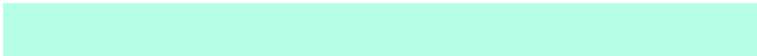
77.5009, 55.7230, 30.8435

Sweetspot

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



32.6612, 55.7252, 40.0459



69.3199, 87.1466, 89.1266



29.9492, 55.0061, 9.2406



14.2084, 18.3408, 18.5052



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



32.6612, 55.7252, 40.0459



43.3908, 74.5723, 52.1030



31.4924, 41.3261, 76.8404



13.9214, 15.4943, 16.6213



18.9054, 32.3870, 23.0225



1.3506, 2.2609, 1.8072

Inverse Universe

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



32.1235, 16.5227, 8.3394



42.7288, 21.8555, 9.7697



31.6510, 17.6051, 1.9318



13.8859, 13.7720, 15.1696



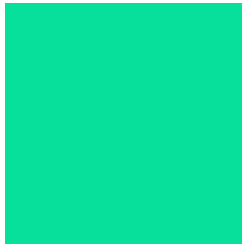
18.6059, 9.5094, 4.5905



1.3294, 0.6750, 0.5276

Previews

White Background



This preview shows how the XYZ color 32.6597, 55.7230, 40.0446 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 32.6597, 55.7230, 40.0446 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

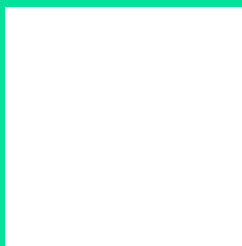
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.6597, 55.7230, 40.0446

Background



This preview shows how black text looks on a background with the XYZ color 32.6597, 55.7230, 40.0446.

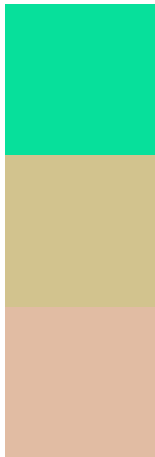


This preview shows how white text looks on a background with the XYZ color 32.6597, 55.7230,

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

32.6597, 55.7230, 40.0446

Protanopia

50.9759, 54.6848, 33.4597

Deuteranopia

55.6454, 54.6183, 42.2599



Tritanopia

41.5925, 55.4558, 84.8558

Trichromacy



Original Color

32.6597, 55.7230, 40.0446



Protanomaly

37.4911, 51.4834, 35.5651



Deuteranomaly

39.0859, 50.4223, 40.9301



Tritanomaly

37.3357, 55.2062, 65.8148

Monochromacy



Original Color

32.6597, 55.7230, 40.0446



Achromatopsia

29.4150, 30.9469, 33.7012



Achromatomaly

26.7335, 36.7604, 35.3922

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.6597, 55.7230, 40.0446 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(7, 224, 155)` looks like.

```
.text, #text, p{  
    color:rgb(7, 224, 155)  
}
```

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(7, 224, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(7, 224, 155) }
```

Border

The CSS property to change the border of an element to XYZ 32.6597, 55.7230, 40.0446 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(7, 224, 155) }
```


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

```
.border{ border-color:rgb(7, 224, 155) }
```

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

Here you see how a box with a 4 pixel rgb(7, 224, 155) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(7, 224, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(7, 224, 155);  
box-shadow:4px 4px 4px 4px rgb(7, 224,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 32.6597, 55.7230, 40.0446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(7, 224, 155) }
```

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

```
.background{ background-color: rgb(7, 224,  
155) }
```

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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