

Converting Colors

XYZ(32.0455, 44.5280, 35.3308)

Have a look what the booklet for
XYZ(32.0455, 44.5280, 35.3308)
contains.

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Color

**XYZ(32.0527, 44.5354,
35.3406)**

Conversions

Conversions Part 1

Format	Color
Hex	75C295
RGB	117, 194, 149
RGB Percent	46%, 76%, 58%
CMY	0.5412, 0.2392, 0.4157
CMYK	0.40, 0.00, 0.23, 0.24
HSL	145°, 39%, 61%
HSV	145°, 40%, 76%
XYZ	32.0527, 44.5354, 35.3406
YIQ	165.8470, -31.4470, -30.3190

Conversions

Conversions Part 2

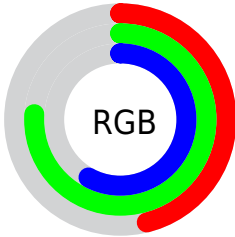
Format	Color
RYB	117, 171, 194
Decimal	7717525
CIELab	72.58, -33.81, 15.29
CIElCh	73, 37.101, 155.669
Yxy	44.5354, 0.2864, 0.3979
Android (android.graphics.Color)	4285907605 (0xFF75C295)
YUV	165.8470, -8.3056, -42.8388
Hunter-Lab	66.7348, -31.0526, 15.3163

Details

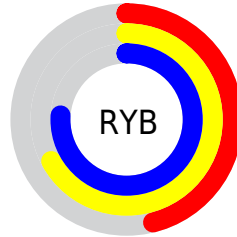
The XYZ color **32.0527, 44.5354, 35.3406** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **35.1325, 26.8015, 37.5056**, and the grayscale version is **36.2223, 38.1086, 41.5003**.

A 20% lighter version of the original color is **62.2899, 82.0768, 69.0593**, and **13.6326, 20.6948, 14.8313** is the 20% darker color. If you saturate the color by 10%, you get **28.8498, 42.9850, 30.6937**, and if you desaturate by 10%, it is **35.8863, 46.4032, 40.4791**.

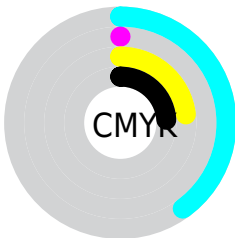
Distribution



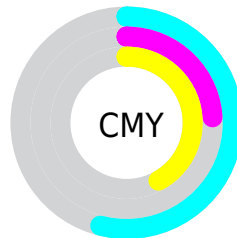
- Red (46%)
- Green (76%)
- Blue (58%)



- Red (46%)
- Yellow (67%)
- Blue (76%)



- Cyan (40%)
- Magenta (0%)
- Yellow (23%)
- Black (24%)



- Cyan (54%)
- Magenta (24%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.0527, 44.5354, 35.3406 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 32.0527, 44.5354, 35.3406 by changing the saturation by 10% instead.

■ 32.0527, 44.5354,
35.3406

■ 32.0527, 44.5354,
35.3406

303.1003,
364.8886, 341.0190

■ 21.5575, 31.0916,
23.6397

■ 62.2583, 82.0228,
69.1706

■ 13.6469, 20.6686,
14.8568

■ 82.6995, 106.8352,
92.1368

■ 7.9555, 12.8820,
8.5735

■ 107.1866,
136.2060, 119.6952

■ 4.1181, 7.3473,
4.3710

136.0852,
170.5194, 152.2644

■ 1.7692, 3.6803,
1.8310

169.7605,
210.1601, 190.2628

■ 0.4990, 1.4964,
0.4483

208.5778,

■ 0.0000, 0.2862,

255.5122, 234.1090

0.0000

252.9027,
306.9603, 284.2215

■ 0.0000, 0.0000,
0.0000

■ 32.0527, 44.5354,
35.3406

■ 32.0527, 44.5354,
35.3406

■ 28.8498, 42.9850,
30.6937

■ 35.8863, 46.4032,
40.4791

■ 26.2379, 41.7282,
26.5205

■ 40.3802, 48.5996,
46.1201

■ 24.1782, 40.7465,
22.8064


■ 45.5662, 51.1422,
52.2783

■ 22.6255, 40.0168,
19.5351


■ 51.4733, 54.0455,
58.9665


■ 21.5265, 39.5121,
16.6888


■ 58.1284, 57.3232,
66.1973


 20.7843, 39.1828,
14.2469

 65.5572, 60.9882,
73.9829

 20.7637, 39.1737,
14.1776

 73.7841, 65.0531,
82.3347

 76.2172, 66.1191,
90.9547

 77.9522, 66.8131,
100.0911

Harmonies

Analogous

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



35.5347, 44.5354, 25.0760



32.0527, 44.5354, 35.3406



31.2000, 44.5354, 52.0665

Triad

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



32.0527, 44.5354, 35.3406



43.5601, 44.5354, 92.8411



53.1657, 44.5354, 30.6670

Complementary

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



32.0527, 44.5354, 35.3406



35.1325, 26.8015, 37.5056

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.



55.8335, 44.5354, 45.0840



32.0527, 44.5354, 35.3406



49.9396, 44.5354, 83.2377

Square

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



32.0527, 44.5354, 35.3406



37.4466, 44.5354, 88.3427



54.5972, 44.5354, 64.5566



47.6195, 44.5354, 22.8937

Rectangle

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



32.0527, 44.5354, 35.3406



32.1539, 44.5354, 65.4657



54.5972, 44.5354, 64.5566



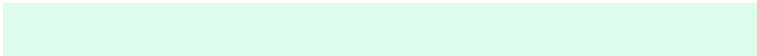
54.4531, 44.5354, 34.7386

Sweetspot

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



32.0539, 44.5372, 35.3416



80.0825, 91.4415, 91.8337



37.6494, 47.6776, 24.0485



17.2559, 19.8868, 19.7796



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.



32.0539, 44.5372, 35.3416



52.7599, 78.1132, 56.3533



35.5242, 45.9253, 53.6159



10.1141, 11.3267, 11.6044



13.6898, 25.7700, 9.5254



0.6258, 1.1272, 0.5921

Inverse Universe

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



35.1325, 26.8015, 37.5056



59.1328, 41.3545, 60.8000



32.2932, 25.6658, 22.5543



10.3145, 10.1744, 11.7467



16.6429, 8.3469, 11.2973



0.7528, 0.3741, 0.6655

Previews

White Background



This preview shows how the XYZ color 32.0527, 44.5354, 35.3406 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 32.0527, 44.5354, 35.3406 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

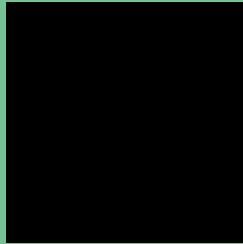
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.0527, 44.5354, 35.3406

Background



This preview shows how black text looks on a background with the XYZ color 32.0527, 44.5354, 35.3406.



This preview shows how white text looks on a background with the XYZ color 32.0527, 44.5354,

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

32.0527, 44.5354, 35.3406

Protanopia

41.2689, 44.0587, 31.5284

Deuteranopia

45.0242, 44.1554, 36.7217



Tritanopia

37.4843, 44.4720, 62.4854

Trichromacy



Original Color

32.0527, 44.5354, 35.3406

Protanomaly

36.8678, 43.5620, 32.8507

Deuteranomaly

38.8009, 43.2779, 36.0142

Tritanomaly

35.4181, 44.6058, 51.5428

Monochromacy



Original Color

32.0527, 44.5354, 35.3406

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

34.0832, 39.8846, 39.1598

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.0527, 44.5354, 35.3406 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(117, 194, 149)` looks like.

```
.text, #text, p{  
    color:rgb(117, 194, 149)  
}
```

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(117, 194, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 194, 149) }
```

Border

The CSS property to change the border of an element to XYZ 32.0527, 44.5354, 35.3406 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(117, 194, 149) }
```


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

```
.border{ border-color:rgb(117, 194, 149) }
```

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

Here you see how a box with a 4 pixel rgb(117, 194, 149) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 194, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 194, 149);  
box-shadow:4px 4px 4px 4px rgb(117, 194,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 32.0527, 44.5354, 35.3406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 194, 149) }
```

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

```
.background{ background-color: rgb(117,  
194, 149) }
```

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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