

Converting Colors

XYZ(32.4695, 44.3381, 25.4964)

Have a look what the booklet for
XYZ(32.4695, 44.3381, 25.4964)
contains.

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Color

**XYZ(32.4165, 44.2802,
25.5773)**

Conversions

Conversions Part 1

Format	Color
Hex	87C07B
RGB	135, 192, 123
RGB Percent	53%, 75%, 48%
CMY	0.4706, 0.2470, 0.5176
CMYK	0.30, 0.00, 0.36, 0.25
HSL	110°, 35%, 62%
HSV	110°, 36%, 75%
XYZ	32.4165, 44.2802, 25.5773
YIQ	167.0910, -11.8230, -33.5430

Conversions

Conversions Part 2

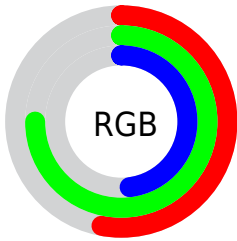
Format	Color
RYB	123, 192, 180
Decimal	8896635
CIELab	72.42, -31.76, 29.04
CIElCh	72, 43.035, 137.567
Yxy	44.2802, 0.3170, 0.4330
Android (android.graphics.Color)	4287086715 (0xFF87C07B)
YUV	167.0910, -21.7369, -28.1438
Hunter-Lab	66.5434, -29.4949, 23.7910

Details

The XYZ color **32.4165, 44.2802, 25.5773** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **35.4216, 27.6763, 53.3466**, and the grayscale version is **36.8827, 38.8034, 42.2569**.

A 20% lighter version of the original color is **62.9474, 81.8331, 53.5520**, and **13.8584, 20.4970, 9.5292** is the 20% darker color. If you saturate the color by 10%, you get **28.9660, 42.6283, 19.7454**, and if you desaturate by 10%, it is **36.4852, 46.2262, 32.6705**.

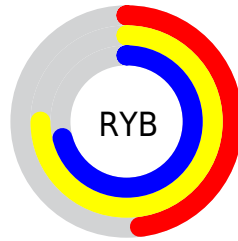
Distribution



Red (53%)

Green (75%)

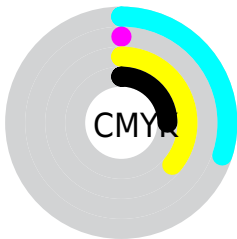
Blue (48%)



Red (48%)

Yellow (75%)

Blue (71%)

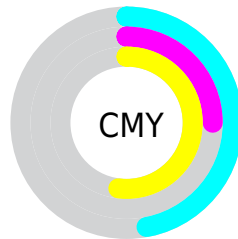


Cyan (30%)

Magenta (0%)

Yellow (36%)

Black (25%)



Cyan (47%)

Magenta (25%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.4165, 44.2802, 25.5773 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 32.4165, 44.2802, 25.5773 by changing the saturation by 10% instead.

■ 32.4165, 44.2802,
25.5773

■ 32.4165, 44.2802,
25.5773

304.7239,
363.8505, 294.2400

■ 21.8369, 30.8909,
16.2848

■ 62.8243, 81.6392,
53.5679

■ 13.8530, 20.5157,
9.5693

■ 83.3831, 106.3777,
73.1031

■ 8.0995, 12.7705,
5.0125

■ 107.9992,
135.6679, 96.8895

■ 4.2111, 7.2707,
2.1957

137.0377,
169.8944, 125.3458

■ 1.8222, 3.6320,
0.6719

170.8641,
209.4415, 158.8905

■ 0.5310, 1.4699,
0.0000

209.8437,

■ 0.0000, 0.2674,

254.6936, 197.9420

0.0000

254.3418,
306.0352, 242.9190

■ 0.0000, 0.0000,
0.0000

■ 32.4165, 44.2802,
25.5773

■ 32.4165, 44.2802,
25.5773

■ 28.9660, 42.6283,
19.7454

■ 36.4852, 46.2262,
32.6705

■ 26.0999, 41.2506,
15.0981

■ 41.1972, 48.4739,
41.0898

■ 23.7858, 40.1336,
11.5551


■ 46.5804, 51.0375,
50.8991


■ 21.9870, 39.2605,
9.0247


■ 52.6597, 53.9286,
62.1571


■ 20.6621, 38.6121,
7.4008


■ 59.4590, 57.1583,
74.9194

 19.7618, 38.1658,
6.5492

 67.0010, 60.7373,
89.2386

 19.4902, 38.0308,
6.3134

 74.9177, 64.5196,
103.1127

 78.1405, 66.1810,
103.2635

Harmonies

Analogous

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



37.9287, 44.2802, 18.8223



32.4165, 44.2802, 25.5773



29.6426, 44.2802, 39.9461

Triad

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



32.4165, 44.2802, 25.5773



39.0914, 44.2802, 100.0924



57.1956, 44.2802, 36.9095

Complementary

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



32.4165, 44.2802, 25.5773



35.4216, 27.6763, 53.3466

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.



57.6022, 44.2802, 57.5498



32.4165, 44.2802, 25.5773



46.5387, 44.2802, 98.5595

Square

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



32.4165, 44.2802, 25.5773



33.1813, 44.2802, 85.0669



53.5116, 44.2802, 81.3457



52.4586, 44.2802, 23.9194

Rectangle

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



32.4165, 44.2802, 25.5773



29.4765, 44.2802, 53.7933



53.5116, 44.2802, 81.3457



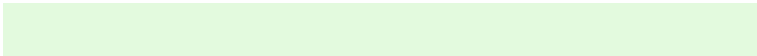
57.8617, 44.2802, 43.0337

Sweetspot

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



32.4176, 44.2821, 25.5783



79.1334, 89.9671, 82.5910



41.5056, 45.0192, 25.2416



16.6944, 19.1665, 17.2049



92.9021, 97.7402, 106.4391



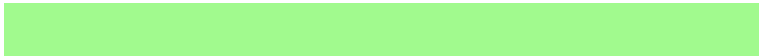
19.4759, 20.4902, 22.3138

Same Dimension

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



32.4176, 44.2821, 25.5783



53.7944, 77.8659, 37.9603



32.1186, 43.9519, 33.5193



10.1041, 11.3411, 10.7184



13.1609, 25.6136, 4.2503



0.6202, 1.1333, 0.1861

Inverse Universe

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



35.4216, 27.6763, 53.3466



60.0027, 43.3985, 95.5745



36.0926, 28.2815, 41.6629



10.3199, 10.1561, 12.7012



16.0299, 7.5242, 34.1641



0.7389, 0.3489, 1.4783

Previews

White Background



This preview shows how the XYZ color 32.4165, 44.2802, 25.5773 looks on a white background.

Color Contrast Check

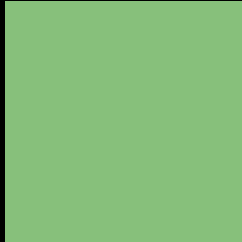
Large Text (above 18pt) WCAG AA × Fail

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 32.4165, 44.2802, 25.5773 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

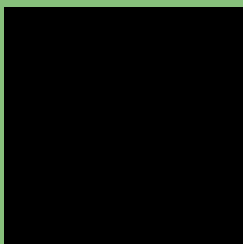
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

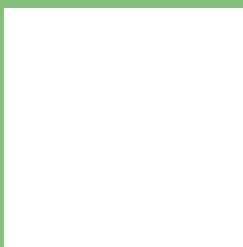
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.4165, 44.2802, 25.5773

Background



This preview shows how black text looks on a background with the XYZ color 32.4165, 44.2802, 25.5773.



This preview shows how white text looks on a background with the XYZ color 32.4165, 44.2802,

25.5773.

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

32.4165, 44.2802, 25.5773

Protanopia

40.6713, 43.9351, 23.1663

Deuteranopia

44.6626, 43.6361, 26.4907



Tritanopia

39.3393, 44.2401, 59.8919

Trichromacy



Original Color

32.4165, 44.2802, 25.5773

Protanomaly

36.8523, 43.4457, 23.8963

Deuteranomaly

39.0165, 43.0179, 25.9856

Tritanomaly

36.2373, 43.8977, 45.0913

Monochromacy



Original Color

32.4165, 44.2802, 25.5773

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

34.6288, 40.2536, 35.2227

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.4165, 44.2802, 25.5773 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(135, 192, 123)` looks like.

```
.text, #text, p{  
    color:rgb(135, 192, 123)  
}
```

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(135, 192, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 192, 123) }
```

Border

The CSS property to change the border of an element to XYZ 32.4165, 44.2802, 25.5773 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(135, 192, 123) }
```


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

```
.border{ border-color:rgb(135, 192, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 192, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 192, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 192, 123);  
box-shadow:4px 4px 4px 4px rgb(135, 192,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 32.4165, 44.2802, 25.5773 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 192, 123) }
```

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

```
.background{ background-color: rgb(135,  
192, 123) }
```

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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