

Converting Colors

XYZ(32.3522, 44.5644, 34.6901)

Have a look what the booklet for
XYZ(32.3522, 44.5644, 34.6901)
contains.

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Color

**XYZ(32.4434, 44.7551,
34.5324)**

Conversions

Conversions Part 1

Format	Color
Hex	79C293
RGB	121, 194, 147
RGB Percent	47%, 76%, 58%
CMY	0.5255, 0.2392, 0.4235
CMYK	0.38, 0.00, 0.24, 0.24
HSL	141°, 37%, 62%
HSV	141°, 38%, 76%
XYZ	32.4434, 44.7551, 34.5324
YIQ	166.8150, -28.4210, -30.0930

Conversions

Conversions Part 2

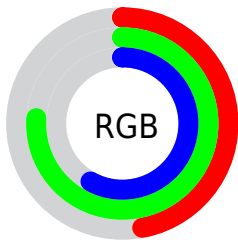
Format	Color
RYB	121, 175, 194
Decimal	7979667
CIELab	72.73, -33.02, 16.59
CIELCh	73, 36.958, 153.323
Yxy	44.7551, 0.2904, 0.4006
Android (android.graphics.Color)	4286169747 (0xFF79C293)
YUV	166.8150, -9.7688, -40.1798
Hunter-Lab	66.8993, -30.5085, 16.2249

Details

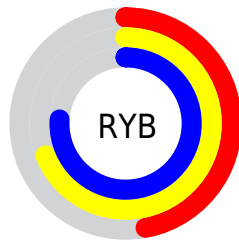
The XYZ color **32.4434, 44.7551, 34.5324** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **36.1549, 27.9722, 40.5412**, and the grayscale version is **36.6974, 38.6086, 42.0447**.

A 20% lighter version of the original color is **62.9443, 82.4415, 67.8536**, and **13.8733, 20.8296, 14.3557** is the 20% darker color. If you saturate the color by 10%, you get **29.0658, 43.1223, 29.5330**, and if you desaturate by 10%, it is **36.4765, 46.7160, 40.1200**.

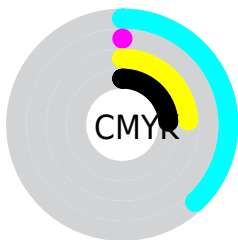
Distribution



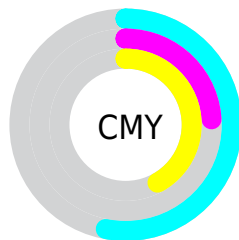
- Red (47%)
- Green (76%)
- Blue (58%)



- Red (47%)
- Yellow (69%)
- Blue (76%)



- Cyan (38%)
- Magenta (0%)
- Yellow (24%)
- Black (24%)





- Cyan (53%)
- Magenta (24%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.4434, 44.7551, 34.5324 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 32.4434, 44.7551, 34.5324 by changing the saturation by 10% instead.


 32.4434, 44.7551,
34.5324


 32.4434, 44.7551,
34.5324


304.8437,
365.7808, 337.3409


 21.8576, 31.2646,
23.0222


 62.8661, 82.3528,
67.9041

 13.8683, 20.8004,
14.4045


 83.4336, 107.2287,
90.6027

 8.1102, 12.9782,
8.2606


 108.0592,
136.6686, 117.8678

 4.2180, 7.4135,
4.1720

137.1080,
171.0568, 150.1181

 1.8262, 3.7220,
1.7202

170.9455,
210.7778, 187.7720

 0.5334, 1.5193,
0.3745

209.9371,

 0.0000, 0.3023,

256.2158, 231.2480

0.0000

254.4480,
307.7553, 280.9648

■ 0.0000, 0.0000,
0.0000

■ 32.4434, 44.7551,
34.5324

■ 32.4434, 44.7551,
34.5324

■ 29.0658, 43.1223,
29.5330

■ 36.4765, 46.7160,
40.1200

■ 26.3039, 41.7937,
25.0995

■ 41.1951, 49.0164,
46.3112

■ 24.1187, 40.7510,
21.2124

■ 46.6314, 51.6737,
53.1247

■ 22.4652, 39.9713,
17.8499

■ 52.8146, 54.7027,
60.5773

■ 21.2911, 39.4281,
14.9886

■ 59.7722, 58.1173,
68.6853

■ 20.5218, 39.0836,
12.6029

■ 67.5303, 61.9304,
77.4643

■ 20.3698, 39.0161,
12.1031

■ 75.4469, 65.8109,
86.8981

■ 77.3101, 66.5562,
96.7096

■ 78.5826, 67.0653,
103.4109

Harmonies

Analogous

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



36.1171, 44.7551, 24.7764



32.4434, 44.7551, 34.5324



31.3769, 44.7551, 50.8068

Triad

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



32.4434, 44.7551, 34.5324



43.2573, 44.7551, 93.1752



53.6970, 44.7551, 31.7898

Complementary

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



32.4434, 44.7551, 34.5324



36.1549, 27.9722, 40.5412

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.



56.0752, 44.7551, 46.7119



32.4434, 44.7551, 34.5324



49.6790, 44.7551, 84.5989

Square

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



32.4434, 44.7551, 34.5324



37.2387, 44.7551, 87.5908



54.5363, 44.7551, 66.3684



48.3184, 44.7551, 23.4950

Rectangle

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



32.4434, 44.7551, 34.5324



32.1895, 44.7551, 64.0934



54.5363, 44.7551, 66.3684



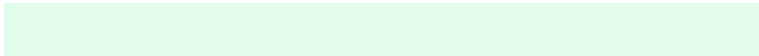
54.8970, 44.7551, 36.0428

Sweetspot

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



32.4446, 44.7570, 34.5334



80.8371, 91.8334, 91.7376



38.9890, 48.3404, 25.3653



17.4010, 19.9632, 19.7129



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.



32.4446, 44.7570, 34.5334



53.7418, 78.6468, 55.1590



35.7308, 46.0714, 51.8384



10.0893, 11.3168, 11.4737



13.4277, 25.6651, 8.1454



0.6132, 1.1221, 0.5259

Inverse Universe

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



36.1549, 27.9722, 40.5412



61.4010, 43.9536, 67.5283



33.2482, 26.8096, 25.2349



10.3401, 10.1846, 11.8813



17.0975, 8.5288, 13.6914



0.7706, 0.3812, 0.7592

Previews

White Background



This preview shows how the XYZ color 32.4434, 44.7551, 34.5324 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 32.4434, 44.7551, 34.5324 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 32.4434, 44.7551, 34.5324

Background



This preview shows how black text looks on a background with the XYZ color 32.4434, 44.7551, 34.5324.

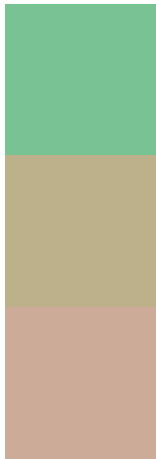


This preview shows how white text looks on a background with the XYZ color 32.4434, 44.7551,

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

32.4434, 44.7551, 34.5324

Protanopia

41.3686, 44.1272, 30.7631

Deuteranopia

45.1322, 44.2302, 35.8643



Tritanopia

38.1039, 44.7915, 62.5144

Trichromacy



Original Color

32.4434, 44.7551, 34.5324



Protanomaly

37.1258, 43.7125, 32.0718



Deuteranomaly

39.0807, 43.4409, 35.1793



Tritanomaly

35.9102, 44.8714, 51.0244

Monochromacy



Original Color

32.4434, 44.7551, 34.5324



Achromatopsia

36.7301, 38.6429, 42.0822



Achromatomaly

34.6450, 40.4664, 39.2425

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.4434, 44.7551, 34.5324 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, 194, 147)` looks like.

```
.text, #text, p{  
    color:rgb(121, 194, 147)  
}
```

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, 194, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 194, 147) }
```

Border

The CSS property to change the border of an element to XYZ 32.4434, 44.7551, 34.5324 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, 194, 147) }
```


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

```
.border{ border-color:rgb(121, 194, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 194, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 194, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 194, 147);  
box-shadow:4px 4px 4px 4px rgb(121, 194,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 32.4434, 44.7551, 34.5324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 194, 147) }
```

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

```
.background{ background-color: rgb(121,  
194, 147) }
```

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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