

Converting Colors

XYZ(32.6600, 40.5140, 32.5050)

Have a look what the booklet for
XYZ(32.6600, 40.5140, 32.5050)
contains.

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Color

**XYZ(32.6830, 40.4958,
32.4794)**

Conversions

Conversions Part 1

Format	Color
Hex	8FB490
RGB	143, 180, 144
RGB Percent	56%, 71%, 56%
CMY	0.4392, 0.2941, 0.4353
CMYK	0.21, 0.00, 0.20, 0.29
HSL	122°, 20%, 63%
HSV	122°, 21%, 71%
XYZ	32.6830, 40.4958, 32.4794
YIQ	164.8330, -10.4960, -19.0400

Conversions

Conversions Part 2

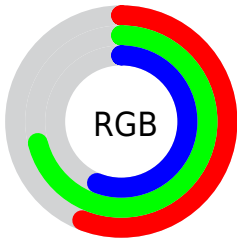
Format	Color
RYB	143, 179, 180
Decimal	9417872
CIELab	69.82, -19.63, 14.33
CIELCh	70, 24.304, 143.856
Yxy	40.4958, 0.3093, 0.3833
Android (android.graphics.Color)	4287607952 (0xFF8FB490)
YUV	164.8330, -10.2707, -19.1475
Hunter-Lab	63.6363, -19.6877, 14.2843

Details

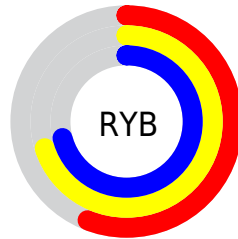
The XYZ color **32.6830, 40.4958, 32.4794** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **36.7830, 32.6038, 47.0042**, and the grayscale version is **35.7363, 37.5974, 40.9435**.

A 20% lighter version of the original color is **63.2145, 75.9384, 64.7519**, and **14.0234, 18.2622, 13.3755** is the 20% darker color. If you saturate the color by 10%, you get **28.5771, 38.5231, 25.8336**, and if you desaturate by 10%, it is **37.4989, 42.8128, 40.2442**.

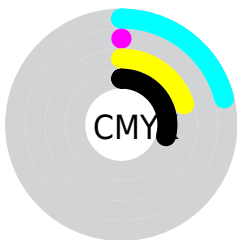
Distribution



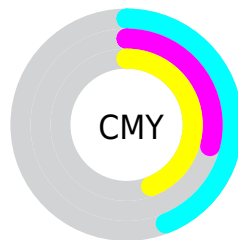
- Red (56%)
- Green (71%)
- Blue (56%)



- Red (56%)
- Yellow (70%)
- Blue (71%)



- Cyan (21%)
- Magenta (0%)
- Yellow (20%)
- Black (29%)



- Cyan (44%)
- Magenta (29%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.6830, 40.4958, 32.4794 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 32.6830, 40.4958, 32.4794 by changing the saturation by 10% instead.

■ 32.6830, 40.4958,
32.4794

■ 32.6830, 40.4958,
32.4794

305.9092,
348.2089, 327.8571

■ 22.0418, 27.9253,
21.4601

■ 63.2383, 75.9179,
64.6685

■ 14.0044, 18.2694,
13.2662

■ 83.8831, 99.5383,
86.6754

■ 8.2054, 11.1436,
7.4792

108.5931,
127.6109, 113.1818

■ 4.2796, 6.1635,
3.6806

137.7337,
160.5199, 144.6064

■ 1.8615, 2.9447,
1.4518

171.6703,
198.6498, 181.3677

■ 0.5543, 1.1030,
0.1816

210.7681,

■ 0.0000, 0.0000,

242.3850, 223.8842

0.0000

255.3927,
292.1099, 272.5745

■ 32.6830, 40.4958,
32.4794

■ 32.6830, 40.4958,
32.4794

■ 28.5771, 38.5231,
25.8336

■ 37.4989, 42.8128,
40.2442

■ 25.1444, 36.8735,
20.2527

■ 43.0525, 45.4839,
49.1733

■ 22.3501, 35.5313,
15.6822

■ 49.3743, 48.5250,
59.3129

■ 20.1548, 34.4774,
12.0616

■ 56.4920, 51.9495,
70.7059

■ 18.5147, 33.6908,
9.3242

■ 64.4318, 55.7701,
83.3930

■ 17.3800, 33.1474,
7.3945

■ 73.2189, 59.9988,
97.4130

■ 16.6923, 32.8189,
6.1842

■ 75.6121, 61.1241,
102.4207

■ 16.3487, 32.6548,
5.5811

Harmonies

Analogous

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



35.5026, 40.4958, 27.0577



32.6830, 40.4958, 32.4794



31.4292, 40.4958, 41.8082

Triad

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



32.6830, 40.4958, 32.4794



37.6837, 40.4958, 69.4152



45.8536, 40.4958, 35.8767

Complementary

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



32.6830, 40.4958, 32.4794



36.7830, 32.6038, 47.0042

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.



46.5364, 40.4958, 46.4597



32.6830, 40.4958, 32.4794



41.6405, 40.4958, 67.0983

Square

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



32.6830, 40.4958, 32.4794



34.1866, 40.4958, 64.0685



44.9472, 40.4958, 58.1897



43.1403, 40.4958, 28.7720

Rectangle

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



32.6830, 40.4958, 32.4794



31.5842, 40.4958, 49.5035



44.9472, 40.4958, 58.1897



46.3356, 40.4958, 39.0919

Sweetspot

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



32.6841, 40.4975, 32.4803



72.3064, 79.7008, 79.9128



39.9601, 44.2572, 32.4234



15.4910, 17.1603, 17.0517



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



32.6841, 40.4975, 32.4803



55.4764, 71.6079, 52.7732



34.1821, 41.0967, 40.3689



8.3980, 9.4937, 9.0894



11.4139, 22.7915, 3.9164



0.3622, 0.7183, 0.1394

Inverse Universe

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



36.7830, 32.6038, 47.0042



64.3546, 54.5092, 84.2310



35.0689, 31.9182, 37.9779



8.8399, 8.6427, 10.6554



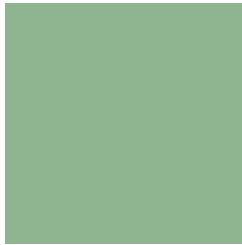
18.5508, 8.9379, 29.1241



0.5868, 0.2825, 0.9326

Previews

White Background



This preview shows how the XYZ color 32.6830, 40.4958, 32.4794 looks on a white background.

Color Contrast Check

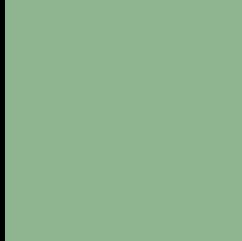
Large Text (above 18pt) WCAG AA × Fail

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 32.6830, 40.4958, 32.4794 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

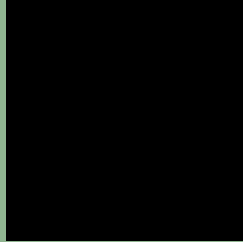
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.6830, 40.4958, 32.4794

Background



This preview shows how black text looks on a background with the XYZ color 32.6830, 40.4958, 32.4794.



This preview shows how white text looks on a background with the XYZ color 32.6830, 40.4958,

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

32.6830, 40.4958, 32.4794

Protanopia

37.8573, 40.3168, 30.2127

Deuteranopia

41.0476, 40.2596, 33.2112



Tritanopia

36.9757, 40.4823, 53.4420

Trichromacy



Original Color

32.6830, 40.4958, 32.4794

Protanomaly

35.8801, 40.4107, 31.1083

Deuteranomaly

37.4675, 40.0549, 32.9507

Tritanomaly

35.1845, 40.3251, 44.9588

Monochromacy



Original Color

32.6830, 40.4958, 32.4794

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

34.3652, 38.3519, 37.4897

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.6830, 40.4958, 32.4794 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(143, 180, 144)` looks like.

```
.text, #text, p{  
    color:rgb(143, 180, 144)  
}
```

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(143, 180, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 180, 144) }
```

Border

The CSS property to change the border of an element to XYZ 32.6830, 40.4958, 32.4794 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(143, 180, 144) }
```


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

```
.border{ border-color:rgb(143, 180, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 180, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 180, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 180, 144);  
box-shadow:4px 4px 4px 4px rgb(143, 180,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 32.6830, 40.4958, 32.4794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 180, 144) }
```

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

```
.background{ background-color: rgb(143,  
180, 144) }
```

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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