

Converting Colors

XYZ(34.7951, 44.4482, 42.4536)

Have a look what the booklet for
XYZ(34.7951, 44.4482, 42.4536)
contains.

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Color

**XYZ(34.7207, 44.4491,
42.3469)**

Conversions

Conversions Part 1

Format	Color
Hex	84BEA5
RGB	132, 190, 165
RGB Percent	52%, 75%, 65%
CMY	0.4823, 0.2549, 0.3529
CMYK	0.31, 0.00, 0.13, 0.25
HSL	154°, 31%, 63%
HSV	154°, 31%, 75%
XYZ	34.7207, 44.4491, 42.3469
YIQ	169.8080, -26.5430, -20.0710

Conversions

Conversions Part 2

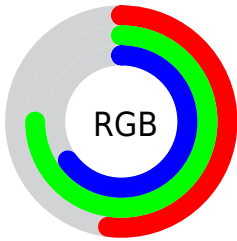
Format	Color
RYB	132, 169, 190
Decimal	8699557
CIELab	72.53, -24.16, 6.65
CIELCh	73, 25.056, 164.619
Yxy	44.4491, 0.2857, 0.3658
Android (android.graphics.Color)	4286889637 (0xFF84BEA5)
YUV	169.8080, -2.3703, -33.1576
Hunter-Lab	66.6702, -23.7130, 9.0099

Details

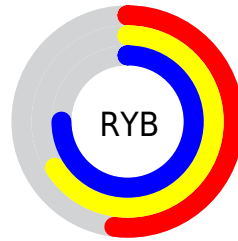
The XYZ color **34.7207, 44.4491, 42.3469** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **35.5738, 29.8850, 35.7935**, and the grayscale version is **38.1347, 40.1207, 43.6915**.

A 20% lighter version of the original color is **66.4287, 82.1279, 80.0613**, and **15.0931, 20.5060, 18.7854** is the 20% darker color. If you saturate the color by 10%, you get **31.2942, 42.7673, 38.4194**, and if you desaturate by 10%, it is **38.7386, 46.4327, 46.5532**.

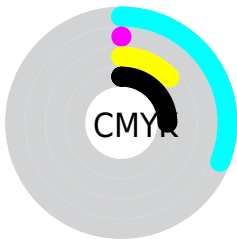
Distribution



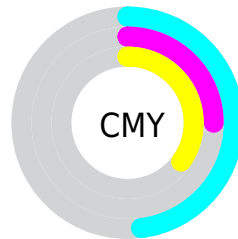
- Red (52%)
- Green (75%)
- Blue (65%)



- Red (52%)
- Yellow (66%)
- Blue (75%)



- Cyan (31%)
- Magenta (0%)
- Yellow (13%)
- Black (25%)



- Cyan (48%)
- Magenta (25%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.7207, 44.4491, 42.3469 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 34.7207, 44.4491, 42.3469 by changing the saturation by 10% instead.

■ 34.7207, 44.4491,
42.3469

■ 34.7207, 44.4491,
42.3469

314.8635,
364.5378, 371.7610

■ 23.6133, 31.0237,
29.0454

■ 66.3897, 81.8931,
80.0001

■ 15.1702, 20.6169,
18.8693

■ 87.6821, 106.6805,
105.1890

■ 9.0260, 12.8443,
11.4000

■ 113.1002,
136.0241, 135.1773

■ 4.8154, 7.3214,
6.2190

143.0093,
170.3082, 170.3837

■ 2.1730, 3.6639,
2.9078

177.7748,
209.9172, 211.2268

■ 0.7285, 1.4874,
1.0477

217.7621,

■ 0.0000, 0.2798,

255.2356, 258.1250

0.0000

263.3365,
306.6476, 311.4968

■ 0.0000, 0.0000,
0.0000

■ 34.7207, 44.4491,
42.3469

■ 34.7207, 44.4491,
42.3469

■ 31.2942, 42.7673,
38.4194

■ 38.7386, 46.4327,
46.5532

■ 28.4251, 41.3662,
34.7617

■ 43.3721, 48.7268,
51.0411

■ 26.0814, 40.2307,
31.3685

■ 48.6488, 51.3468,
55.8173

■ 24.2265, 39.3419,
28.2331

■ 54.5933, 54.3052,
60.8872

■ 22.8185, 38.6784,
25.3485

■ 61.2288, 57.6140,
66.2560

■ 21.8080, 38.2149,
22.7072

■ 68.5776, 61.2845,
71.9288

■ 21.1265, 37.9135,
20.4202

■ 72.8839, 63.3804,
77.7340

■ 74.0109, 63.8312,
83.6689

■ 75.1920, 64.3037,
89.8887

Harmonies

Analogous

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



36.6676, 44.4491, 33.3375



34.7207, 44.4491, 42.3469



34.6955, 44.4491, 54.6655

Triad

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



34.7207, 44.4491, 42.3469



44.3829, 44.4491, 75.3174



48.4525, 44.4491, 33.5128

Complementary

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



34.7207, 44.4491, 42.3469



35.5738, 29.8850, 35.7935

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.



50.8228, 44.4491, 42.6279



34.7207, 44.4491, 42.3469



48.3667, 44.4491, 67.4222

Square

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



34.7207, 44.4491, 42.3469



40.0783, 44.4491, 75.2072



50.7904, 44.4491, 54.9987



44.4936, 44.4491, 28.8624

Rectangle

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



34.7207, 44.4491, 42.3469



35.7622, 44.4491, 63.2400



50.7904, 44.4491, 54.9987



49.4731, 44.4491, 36.0806

Sweetspot

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



34.7219, 44.4509, 42.3479



79.8433, 88.9162, 93.6539



36.5104, 45.6764, 28.7225



17.2400, 19.3799, 20.2928



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.



34.7219, 44.4509, 42.3479



58.4183, 78.3360, 71.6513



36.3984, 43.7991, 55.2531



9.6300, 10.7381, 11.3012



14.0873, 25.2252, 13.7881



0.5840, 1.0010, 0.7097

Inverse Universe

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



35.5738, 29.8850, 35.7935



60.2235, 47.5108, 57.7926



34.1868, 30.1849, 25.8548



9.6963, 9.6028, 10.7897



15.1682, 7.6984, 6.1794



0.6270, 0.3147, 0.4149

Previews

White Background



This preview shows how the XYZ color 34.7207, 44.4491, 42.3469 looks on a white background.

Color Contrast Check

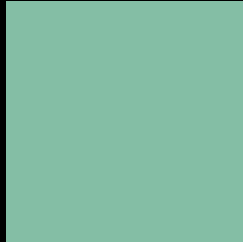
Large Text (above 18pt) WCAG AA × Fail

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 34.7207, 44.4491, 42.3469 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

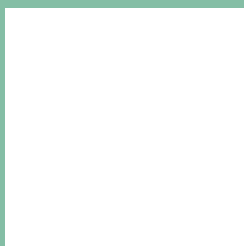
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.7207, 44.4491, 42.3469

Background



This preview shows how black text looks on a background with the XYZ color 34.7207, 44.4491, 42.3469.



This preview shows how white text looks on a background with the XYZ color 34.7207, 44.4491,

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

34.7207, 44.4491, 42.3469

Protanopia

41.9013, 44.2272, 38.6760

Deuteranopia

44.7503, 43.8607, 43.6435



Tritanopia

38.4217, 44.3570, 61.1803

Trichromacy



Original Color

34.7207, 44.4491, 42.3469

Protanomaly

38.8869, 44.1361, 40.1878

Deuteranomaly

40.2219, 43.5522, 43.3323

Tritanomaly

36.8933, 44.3627, 53.6321

Monochromacy



Original Color

34.7207, 44.4491, 42.3469

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

36.5003, 41.3394, 43.1013

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.7207, 44.4491, 42.3469 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(132, 190, 165)` looks like.

```
.text, #text, p{  
    color:rgb(132, 190, 165)  
}
```

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(132, 190, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 190, 165) }
```

Border

The CSS property to change the border of an element to XYZ 34.7207, 44.4491, 42.3469 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(132, 190, 165) }
```


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

```
.border{ border-color:rgb(132, 190, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 190, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 190, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 190, 165);  
box-shadow:4px 4px 4px 4px rgb(132, 190,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 34.7207, 44.4491, 42.3469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 190, 165) }
```

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

```
.background{ background-color: rgb(132,  
190, 165) }
```

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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