

Converting Colors

XYZ(32.6320, 34.0318, 43.2780)

Have a look what the booklet for
XYZ(32.6320, 34.0318, 43.2780)
contains.

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Color

**XYZ(32.7144, 34.1663,
43.3986)**

Conversions

Conversions Part 1

Format	Color
Hex	999EAB
RGB	153, 158, 171
RGB Percent	60%, 62%, 67%
CMY	0.4000, 0.3804, 0.3294
CMYK	0.11, 0.08, 0.00, 0.33
HSL	223°, 10%, 64%
HSV	223°, 11%, 67%
XYZ	32.7144, 34.1663, 43.3986
YIQ	157.9870, -7.1530, 2.9830

Conversions

Conversions Part 2

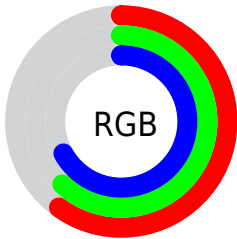
Format	Color
RYB	153, 157, 171
Decimal	10067627
CIELab	65.09, 0.86, -7.37
CIElCh	65, 7.419, 276.659
Yxy	34.1663, 0.2967, 0.3098
Android (android.graphics.Color)	4288257707 (0xFF999EAB)
YUV	157.9870, 6.4154, -4.3736
Hunter-Lab	58.4519, -2.3880, -3.1045

Details

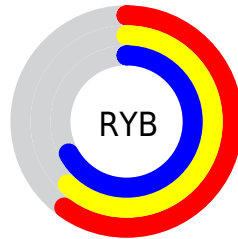
The XYZ color **32.7144, 34.1663, 43.3986** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.1807, 38.2300, 35.6098**, and the grayscale version is **32.4685, 34.1594, 37.1995**.

A 20% lighter version of the original color is **63.2538, 66.3449, 81.4235**, and **14.0670, 14.6721, 19.5433** is the 20% darker color. If you saturate the color by 10%, you get **27.7140, 28.6181, 42.5918**, and if you desaturate by 10%, it is **38.3910, 40.3791, 44.2991**.

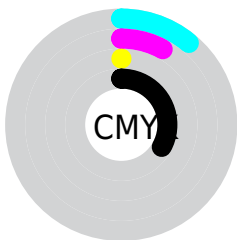
Distribution



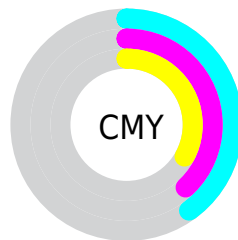
- Red (60%)
- Green (62%)
- Blue (67%)



- Red (60%)
- Yellow (62%)
- Blue (67%)



- Cyan (11%)
- Magenta (8%)
- Yellow (0%)
- Black (33%)



- Cyan (40%)
- Magenta (38%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.7144, 34.1663, 43.3986 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 32.7144, 34.1663, 43.3986 by changing the saturation by 10% instead.

■ 32.7144, 34.1663,
43.3986

■ 32.7144, 34.1663,
43.3986

306.0486,
320.8729, 376.2177

■ 22.0659, 23.0214,
29.8643

■ 63.2870, 66.1922,
81.6048

■ 14.0222, 14.6093,
19.4844

■ 83.9419, 87.8420,
107.1138

■ 8.2179, 8.5456,
11.8405

108.6630,
113.7621, 137.4514

■ 4.2877, 4.4460,
6.5139

137.8156,
144.3371, 173.0362

■ 1.8661, 1.9261,
3.0862

171.7651,
179.9513, 214.2866

■ 0.5570, 0.5640,
1.1388

210.8769,

■ 0.0000, 0.0000,

220.9891, 261.6214

0.0000

255.5163,
267.8348, 315.4589

■ 32.7144, 34.1663,
43.3986

■ 32.7144, 34.1663,
43.3986

■ 27.7140, 28.6181,
42.5918

■ 38.3910, 40.3791,
44.2991

■ 23.3610, 23.7078,
41.8734

■ 44.7652, 47.2736,
45.2940

■ 19.6290, 19.4128,
41.2411

■ 51.8611, 54.8717,
46.3865

■ 16.4884, 15.7078,
40.6915

■ 59.7007, 63.1928,
47.5795

■ 13.9071, 12.5655,
40.2210

■ 68.3052, 72.2559,
48.8753

■ 11.8499, 9.9564,
39.8258

■ 77.4729, 81.9645,
50.2661

■ 10.2773, 7.8478,
39.5017

■ 81.0735, 89.1657,
51.4663

■ 9.1433, 6.2030,
39.2440

■ 84.3508, 95.7203,
52.5587

■ 8.3883, 5.0154,
39.0546

Harmonies

Analogous

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



31.6617, 34.1663, 42.9077



32.7144, 34.1663, 43.3986



33.7243, 34.1663, 42.1569

Triad

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



32.7144, 34.1663, 43.3986



34.1612, 34.1663, 33.7765



30.6123, 34.1663, 34.9040

Complementary

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



32.7144, 34.1663, 43.3986



36.1807, 38.2300, 35.6098

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.



31.2551, 34.1663, 32.6501



32.7144, 34.1663, 43.3986



33.3002, 34.1663, 32.0247

Square

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



32.7144, 34.1663, 43.3986



34.5714, 34.1663, 36.5188



32.2349, 34.1663, 31.6240



30.4633, 34.1663, 37.8922

Rectangle

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



32.7144, 34.1663, 43.3986



34.2323, 34.1663, 40.5519



32.2349, 34.1663, 31.6240



30.7771, 34.1663, 34.0405

Sweetspot

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



32.7154, 34.1677, 43.3994



66.0704, 69.3909, 78.9134



34.5741, 38.6482, 41.6665



14.5494, 15.2730, 17.5688



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



32.7154, 34.1677, 43.3994



56.0518, 58.3894, 77.3179



32.6276, 32.8814, 43.1557



7.7534, 8.1061, 10.1087



6.3626, 3.8591, 29.4541



0.2234, 0.2001, 0.8348

Inverse Universe

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



34.3582, 33.9097, 37.0838



59.6958, 57.8683, 63.2969



36.2707, 39.6527, 35.8796



8.0933, 8.0506, 8.8022



13.0752, 6.6926, 2.7755



0.3871, 0.1955, 0.2005

Previews

White Background



This preview shows how the XYZ color 32.7144, 34.1663, 43.3986 looks on a white background.

Color Contrast Check

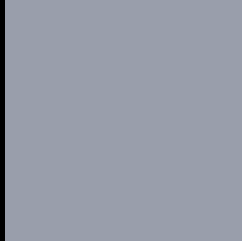
Large Text (above 18pt) WCAG AA × Fail

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 32.7144, 34.1663, 43.3986 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

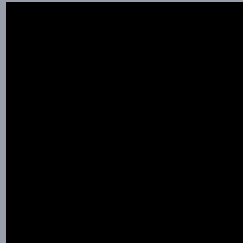
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.7144, 34.1663, 43.3986

Background



This preview shows how black text looks on a background with the XYZ color 32.7144, 34.1663, 43.3986.

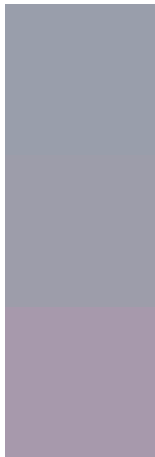


This preview shows how white text looks on a background with the XYZ color 32.7144, 34.1663,

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

32.7144, 34.1663, 43.3986

Protanopia

33.2173, 34.1843, 42.8777

Deuteranopia

34.7740, 33.9765, 43.7551



Tritanopia

32.7144, 34.1663, 43.3986

Trichromacy



Original Color

32.7144, 34.1663, 43.3986

Protanomaly

33.0230, 34.0841, 42.8686

Deuteranomaly

34.0680, 34.1026, 43.8166

Tritanomaly

32.7144, 34.1663, 43.3986

Monochromacy



Original Color

32.7144, 34.1663, 43.3986

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

32.5480, 34.1660, 39.5296

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.7144, 34.1663, 43.3986 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(153, 158, 171)` looks like.

```
.text, #text, p{  
    color:rgb(153, 158, 171)  
}
```

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(153, 158, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 158, 171) }
```

Border

The CSS property to change the border of an element to XYZ 32.7144, 34.1663, 43.3986 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(153, 158, 171) }
```


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

```
.border{ border-color:rgb(153, 158, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 158, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 158, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 158, 171);  
box-shadow:4px 4px 4px 4px rgb(153, 158,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 32.7144, 34.1663, 43.3986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 158, 171) }
```

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

```
.background{ background-color: rgb(153,  
158, 171) }
```

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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