

Converting Colors

XYZ(32.0205, 34.9600, 15.5613)

Have a look what the booklet for
XYZ(32.0205, 34.9600, 15.5613)
contains.

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Color

**XYZ(32.0467, 34.9484,
15.6464)**

Conversions

Conversions Part 1

Format	Color
Hex	AEA05E
RGB	174, 160, 94
RGB Percent	68%, 63%, 37%
CMY	0.3176, 0.3725, 0.6314
CMYK	0.00, 0.08, 0.46, 0.32
HSL	50°, 33%, 53%
HSV	50°, 46%, 68%
XYZ	32.0467, 34.9484, 15.6464
YIQ	156.6620, 29.5300, -17.5580

Conversions

Conversions Part 2

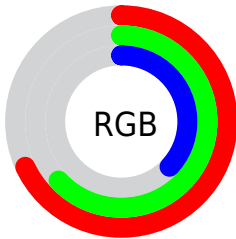
Format	Color
RYB	111, 174, 94
Decimal	11444318
CIELab	65.71, -4.19, 36.12
CIELCh	66, 36.362, 96.612
Yxy	34.9484, 0.3878, 0.4229
Android (android.graphics.Color)	4289634398 (0xFFAEA05E)
YUV	156.6620, -30.8924, 15.2054
Hunter-Lab	59.1172, -6.6924, 25.6899

Details

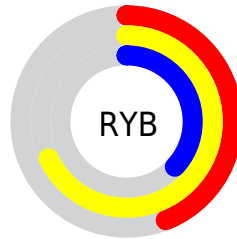
The XYZ color **32.0467, 34.9484, 15.6464** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **17.6185, 16.1603, 42.2349**, and the grayscale version is **32.0217, 33.6893, 36.6877**.

A 20% lighter version of the original color is **62.4437, 67.6651, 36.9637**, and **13.7075, 15.1276, 4.7822** is the 20% darker color. If you saturate the color by 10%, you get **30.8313, 33.6295, 11.8139**, and if you desaturate by 10%, it is **33.4527, 36.3669, 20.4116**.

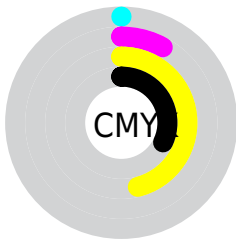
Distribution



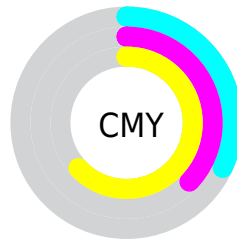
- Red (68%)
- Green (63%)
- Blue (37%)



- Red (44%)
- Yellow (68%)
- Blue (37%)



- Cyan (0%)
- Magenta (8%)
- Yellow (46%)
- Black (32%)





- Cyan (32%)
- Magenta (37%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.0467, 34.9484, 15.6464 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 32.0467, 34.9484, 15.6464 by changing the saturation by 10% instead.


 32.0467, 34.9484,
15.6464


 32.0467, 34.9484,
15.6464


303.0734,
324.3405, 239.0201


 21.5529, 23.6231,
9.1227


 62.2490, 67.4058,
36.7414

 13.6435, 15.0543,
4.7234


 82.6882, 89.3068,
52.1498

 7.9532, 8.8575,
2.0300


 107.1732,
115.5017, 71.3568

 4.1166, 4.6484,
0.5736

 136.0695,
146.3751, 94.7810

 1.7683, 2.0425,
0.0000

169.7422,
182.3113, 122.8409

 0.4984, 0.6320,
0.0000

208.5569,

 0.0000, 0.0000,

223.6946, 155.9550

0.0000

252.8789,
270.9096, 194.5419

■ 32.0467, 34.9484,
15.6464

■ 32.0467, 34.9484,
15.6464

■ 30.8313, 33.6295,
11.8139

■ 33.4527, 36.3669,
20.4116

■ 29.7920, 32.4002,
8.8489

■ 35.0578, 37.8845,
26.1646

■ 28.9160, 31.2566,
6.6811

■ 36.8729, 39.5070,
32.9588

■ 28.1876, 30.1923,
5.2283

■ 38.9073, 41.2385,
40.8430

■ 27.5863, 29.1990,
4.3831

■ 41.1699, 43.0824,
49.8629

■ 27.3621, 28.8120,
4.1191

■ 43.6688, 45.0422,
60.0619

■ 46.4121, 47.1213,
71.4807

■ 49.4070, 49.3227,
84.1582

■ 52.6608, 51.6495,
98.1318

Harmonies

Analogous

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



37.4711, 34.9484, 16.9092



32.0467, 34.9484, 15.6464



27.4514, 34.9484, 18.9629

Triad

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



32.0467, 34.9484, 15.6464



25.6244, 34.9484, 58.4701



43.5838, 34.9484, 50.9886

Complementary

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



32.0467, 34.9484, 15.6464



17.6185, 16.1603, 42.2349

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.



39.7391, 34.9484, 66.9433



32.0467, 34.9484, 15.6464



29.2984, 34.9484, 72.0107

Square

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



32.0467, 34.9484, 15.6464



24.0096, 34.9484, 41.5477



34.4163, 34.9484, 75.4685



44.5215, 34.9484, 34.7597

Rectangle

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



32.0467, 34.9484, 15.6464



25.3461, 34.9484, 24.0320



34.4163, 34.9484, 75.4685



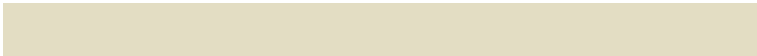
42.5699, 34.9484, 56.6801

Sweetspot

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



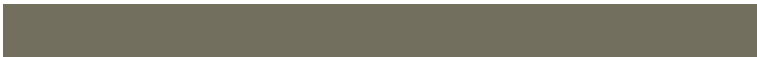
32.0476, 34.9500, 15.6471



67.4931, 72.1908, 62.1117



24.2009, 18.1014, 16.5930



14.8353, 15.9012, 13.1717



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



32.0476, 34.9500, 15.6471



55.9258, 61.0014, 21.4304



29.4902, 37.4384, 16.2622



8.5417, 9.0882, 8.5174



19.8846, 20.9747, 3.0005



0.5840, 0.6451, 0.0937

Inverse Universe

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



17.6185, 16.1603, 42.2349



26.5554, 22.7819, 75.6346



19.2966, 15.0074, 41.9239



7.6880, 7.9754, 10.0869



5.9179, 2.9696, 29.3058



0.1977, 0.1488, 0.8263

Previews

White Background



This preview shows how the XYZ color 32.0467, 34.9484, 15.6464 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 32.0467, 34.9484, 15.6464 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 32.0467, 34.9484, 15.6464

Background



This preview shows how black text looks on a background with the XYZ color 32.0467, 34.9484, 15.6464.



This preview shows how white text looks on a background with the XYZ color 32.0467, 34.9484,

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

32.0467, 34.9484, 15.6464

Protanopia

32.2704, 35.0637, 15.6568

Deuteranopia

35.5877, 34.7703, 15.9020



Tritanopia

36.9851, 34.9606, 39.9207

Trichromacy



Original Color

32.0467, 34.9484, 15.6464

Protanomaly

32.2704, 35.0637, 15.6568

Deuteranomaly

34.2804, 34.8337, 15.7433

Tritanomaly

34.7416, 34.7717, 29.3066

Monochromacy



Original Color

32.0467, 34.9484, 15.6464

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

31.6342, 33.9615, 27.4422

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.0467, 34.9484, 15.6464 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(174, 160, 94)` looks like.

```
.text, #text, p{  
    color:rgb(174, 160, 94)  
}
```

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(174, 160, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 160, 94) }
```

Border

The CSS property to change the border of an element to XYZ 32.0467, 34.9484, 15.6464 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(174, 160, 94) }
```


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

```
.border{ border-color:rgb(174, 160, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 160, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 160, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 160, 94);  
box-shadow:4px 4px 4px 4px rgb(174, 160,  
94) }
```

Background

The CSS property to change the background color of an element to XYZ 32.0467, 34.9484, 15.6464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 160, 94) }
```

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

```
.background{ background-color: rgb(174,  
160, 94) }
```

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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