

Converting Colors

XYZ(32.7058, 34.4319, 26.2080)

Have a look what the booklet for
XYZ(32.7058, 34.4319, 26.2080)
contains.

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Color

**XYZ(32.8337, 34.6115,
26.0693)**

Conversions

Conversions Part 1

Format	Color
Hex	AA9E82
RGB	170, 158, 130
RGB Percent	67%, 62%, 51%
CMY	0.3333, 0.3804, 0.4902
CMYK	0.00, 0.07, 0.24, 0.33
HSL	42°, 19%, 59%
HSV	42°, 24%, 67%
XYZ	32.8337, 34.6115, 26.0693
YIQ	158.3960, 16.1400, -6.1640

Conversions

Conversions Part 2

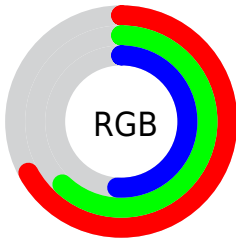
Format	Color
RYB	147, 170, 130
Decimal	11181698
CIELab	65.45, -0.23, 16.23
CIELCh	65, 16.234, 90.798
Yxy	34.6115, 0.3511, 0.3701
Android (android.graphics.Color)	4289371778 (0xFFAA9E82)
YUV	158.3960, -13.9992, 10.1767
Hunter-Lab	58.8315, -3.3349, 14.9096

Details

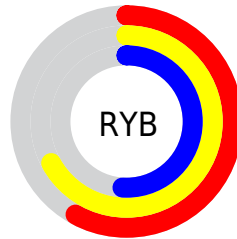
The XYZ color **32.8337, 34.6115, 26.0693** is a light color, and the websafe version is hex **999966**. A complement of this color would be **26.1345, 26.9934, 41.8632**, and the grayscale version is **32.7365, 34.4414, 37.5067**.

A 20% lighter version of the original color is **63.7055, 67.1761, 54.4084**, and **14.0790, 14.8914, 9.9169** is the 20% darker color. If you saturate the color by 10%, you get **30.9342, 32.4901, 20.2640**, and if you desaturate by 10%, it is **34.9597, 36.8836, 32.8811**.

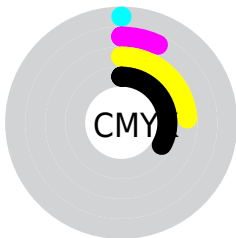
Distribution



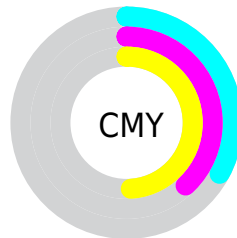
- Red (67%)
- Green (62%)
- Blue (51%)



- Red (58%)
- Yellow (67%)
- Blue (51%)



- Cyan (0%)
- Magenta (7%)
- Yellow (24%)
- Black (33%)



- Cyan (33%)
- Magenta (38%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.8337, 34.6115, 26.0693 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 32.8337, 34.6115, 26.0693 by changing the saturation by 10% instead.

■ 32.8337, 34.6115,
26.0693

■ 32.8337, 34.6115,
26.0693

306.5780,
322.8502, 296.7384

■ 22.1577, 23.3638,
16.6493

■ 63.4722, 66.8835,
54.3722

■ 14.0901, 14.8623,
9.8254

■ 84.1655, 88.6765,
74.0921

■ 8.2655, 8.7228,
5.1793

■ 108.9285,
114.7534, 98.0824

■ 4.3185, 4.5608,
2.2923

138.1267,
145.4986, 126.7616

■ 1.8839, 1.9920,
0.7269

172.1254,
181.2965, 160.5483

■ 0.5674, 0.6028,
0.0000

211.2899,

■ 0.0000, 0.0000,

222.5315, 199.8609

0.0000

255.9856,
269.5879, 245.1181

■ 32.8337, 34.6115,
26.0693

■ 32.8337, 34.6115,
26.0693

■ 30.9342, 32.4901,
20.2640

■ 34.9597, 36.8836,
32.8811

■ 29.2488, 30.5101,
15.4141

■ 37.3184, 39.3061,
40.7426

■ 27.7678, 28.6683,
11.4674

■ 39.9194, 41.8845,
49.6974

■ 26.4799, 26.9594,
8.3657

■ 42.7706, 44.6228,
59.7859

■ 25.3722, 25.3774,
6.0438

■ 45.8796, 47.5246,
71.0461

■ 24.4302, 23.9158,
4.4273

■ 49.2539, 50.5935,
83.5147

■ 23.6364, 22.5669,
3.4267

■ 52.9004, 53.8329,
97.2265

■ 23.1764, 21.7436,
2.9754

■ 55.0031, 56.5171,
102.6177

■ 56.1944, 58.8996,
103.0147

Harmonies

Analogous

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



35.1745, 34.6115, 27.3894



32.8337, 34.6115, 26.0693



30.6153, 34.6115, 27.5367

Triad

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



32.8337, 34.6115, 26.0693



29.1306, 34.6115, 44.7822



37.0440, 34.6115, 44.4296

Complementary

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



32.8337, 34.6115, 26.0693



26.1345, 26.9934, 41.8632

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.



35.2897, 34.6115, 50.0653



32.8337, 34.6115, 26.0693



30.7204, 34.6115, 50.2855

Square

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



32.8337, 34.6115, 26.0693



28.5415, 34.6115, 37.8683



32.9608, 34.6115, 52.3244



37.6749, 34.6115, 37.5044

Rectangle

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



32.8337, 34.6115, 26.0693



29.4858, 34.6115, 30.0136



32.9608, 34.6115, 52.3244



36.5621, 34.6115, 46.5658

Sweetspot

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



32.8346, 34.6131, 26.0700



66.1204, 69.7028, 68.5659



29.4430, 26.4648, 29.1480



14.6900, 15.4876, 15.1062



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.



32.8346, 34.6131, 26.0700



57.8081, 60.8507, 41.8335



33.3045, 38.0427, 26.7073



7.9541, 8.3882, 7.9891



17.0992, 16.0956, 2.2055



0.4576, 0.4747, 0.0675

Inverse Universe

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



26.1345, 26.9934, 41.8632



43.6008, 44.6967, 75.3312



25.7200, 24.2713, 41.3596



7.3084, 7.6537, 9.5105



6.2514, 3.9630, 28.4109



0.1963, 0.1848, 0.7060

Previews

White Background



This preview shows how the XYZ color 32.8337, 34.6115, 26.0693 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 32.8337, 34.6115, 26.0693 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

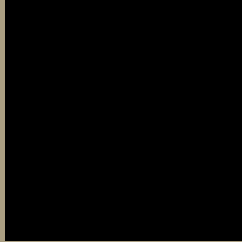
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.8337, 34.6115, 26.0693

Background



This preview shows how black text looks on a background with the XYZ color 32.8337, 34.6115, 26.0693.



This preview shows how white text looks on a background with the XYZ color 32.8337, 34.6115,

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

32.8337, 34.6115, 26.0693

Protanopia

32.5759, 34.7328, 26.1063

Deuteranopia

35.2551, 34.6115, 26.2953



Tritanopia

35.6383, 34.4977, 40.3777

Trichromacy



Original Color

32.8337, 34.6115, 26.0693

Protanomaly

32.7896, 34.8430, 26.1163

Deuteranomaly

34.4085, 34.6651, 26.3502

Tritanomaly

34.6224, 34.5939, 34.5583

Monochromacy



Original Color

32.8337, 34.6115, 26.0693

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

32.4724, 34.2732, 32.9209

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.8337, 34.6115, 26.0693 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(170, 158, 130)` looks like.

```
.text, #text, p{  
    color:rgb(170, 158, 130)  
}
```

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(170, 158, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 158, 130) }
```

Border

The CSS property to change the border of an element to XYZ 32.8337, 34.6115, 26.0693 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(170, 158, 130) }
```


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

```
.border{ border-color:rgb(170, 158, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 158, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 158, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 158, 130);  
box-shadow:4px 4px 4px 4px rgb(170, 158,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 32.8337, 34.6115, 26.0693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 158, 130) }
```

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

```
.background{ background-color: rgb(170,  
158, 130) }
```

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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