

Converting Colors

XYZ(34.7295, 26.7713, 13.9266)

Have a look what the booklet for
XYZ(34.7295, 26.7713, 13.9266)
contains.

XYZ(34.7295, 26.7713, 13.9266)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(34.7295, 26.7713,
13.9266)**

Conversions

Conversions Part 1

Format	Color
Hex	D2735E
RGB	210, 115, 94
RGB Percent	82%, 45%, 37%
CMY	0.1765, 0.5490, 0.6314
CMYK	0.00, 0.45, 0.55, 0.18
HSL	11°, 56%, 60%
HSV	11°, 55%, 82%
XYZ	34.7295, 26.7713, 13.9266
YIQ	141.0110, 63.3610, 13.6090

Conversions

Conversions Part 2

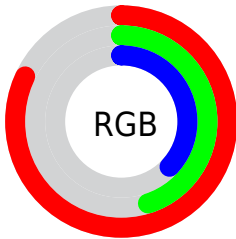
Format	Color
RYB	210, 120, 94
Decimal	13792094
CIELab	58.76, 35.21, 28.13
CIElCh	59, 45.065, 38.626
Yxy	26.7713, 0.4604, 0.3549
Android (android.graphics.Color)	4291982174 (0xFFD2735E)
YUV	141.0110, -23.1764, 60.5034
Hunter-Lab	51.7410, 29.2657, 20.2602

Details

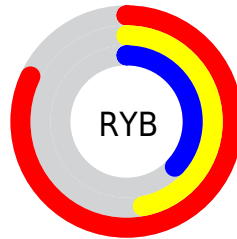
The XYZ color **34.7295, 26.7713, 13.9266** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted orange. A complement of this color would be **34.4454, 43.4256, 67.5391**, and the grayscale version is **25.3931, 26.7155, 29.0932**.

A 20% lighter version of the original color is **60.3535, 51.3096, 33.5108**, and **15.1090, 10.4513, 3.9103** is the 20% darker color. If you saturate the color by 10%, you get **32.1307, 22.8823, 9.0268**, and if you desaturate by 10%, it is **37.9517, 31.4972, 20.2993**.

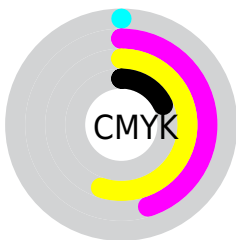
Distribution



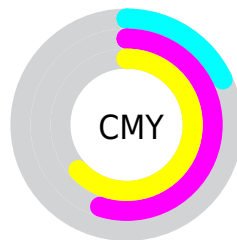
- Red (82%)
- Green (45%)
- Blue (37%)



- Red (82%)
- Yellow (47%)
- Blue (37%)



- Cyan (0%)
- Magenta (45%)
- Yellow (55%)
- Black (18%)




- Cyan (18%)
- Magenta (55%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.7295, 26.7713, 13.9266 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 34.7295, 26.7713, 13.9266 by changing the saturation by 10% instead.


 34.7295, 26.7713,
13.9266


 34.7295, 26.7713,
13.9266


314.9017,
286.5481, 228.1863


 23.6201, 17.4015,
7.9315


 66.4033, 54.5167,
33.6740


 15.1753, 10.5212,
3.9640


 87.6984, 73.6610,
48.2633

 9.0296, 5.7459,
1.6056


 113.1195, 96.8324,
66.5545

 4.8178, 2.6912,
0.2948

 143.0319,
124.4152, 88.9659

 2.1744, 0.9727,
0.0000

177.8010,
156.7938, 115.9163

 0.7292, 0.0000,
0.0000

217.7920,

 0.0000, 0.0000,

194.3525, 147.8242

0.0000

263.3705,
237.4758, 185.1080

■ 34.7295, 26.7713,
13.9266

■ 34.7295, 26.7713,
13.9266

■ 32.1307, 22.8823,
9.0268

■ 37.9517, 31.4972,
20.2993

■ 30.1118, 19.7769,
5.4792

■ 41.8332, 37.1012,
28.2493

■ 28.6262, 17.4016,
3.1465

■ 46.4094, 43.6264,
37.8734

■ 27.6186, 15.6945,
1.8609

■ 51.7122, 51.1120,
49.2600

■ 27.2722, 15.0896,
1.4752

■ 57.7721, 59.5950,
62.4915

■ 64.6173, 69.1103,
77.6447

■ 72.2749, 79.6911,
94.7924

■ 79.6225, 90.9100,
107.9586

■ 80.3883, 92.4416,
108.2138

Harmonies

Analogous

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



37.5264, 26.7713, 24.8000



34.7295, 26.7713, 13.9266



29.5375, 26.7713, 8.9422

Triad

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



34.7295, 26.7713, 13.9266



16.7427, 26.7713, 19.3665



27.0803, 26.7713, 71.0288

Complementary

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



34.7295, 26.7713, 13.9266



34.4454, 43.4256, 67.5391

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.



21.7497, 26.7713, 67.8948



34.7295, 26.7713, 13.9266



16.2829, 26.7713, 33.9797

Square

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



34.7295, 26.7713, 13.9266



19.3462, 26.7713, 11.1944



17.9834, 26.7713, 52.7025



32.7079, 26.7713, 60.1517

Rectangle

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



34.7295, 26.7713, 13.9266



25.7021, 26.7713, 8.0231



17.9834, 26.7713, 52.7025



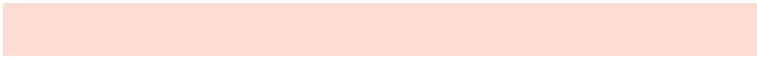
25.1903, 26.7713, 71.6409

Sweetspot

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



34.7302, 26.7727, 13.9271



78.5417, 76.9201, 72.7636



39.9484, 25.4541, 51.9057



16.4432, 15.9457, 14.7815



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



34.7302, 26.7727, 13.9271



49.3299, 34.7069, 13.0518



43.2247, 43.7617, 16.7586



11.9794, 12.1495, 12.3257



16.6888, 9.3106, 0.9175



0.9867, 0.6277, 0.0692

Inverse Universe

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



34.4454, 43.4256, 67.5391



48.7492, 62.8251, 104.1649



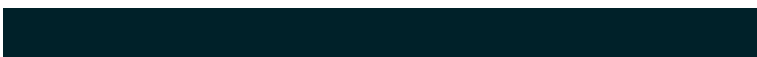
24.5911, 23.7170, 64.2543



11.9687, 13.0278, 15.1274



16.1591, 20.9648, 40.3874



0.9521, 1.2694, 2.2744

Previews

White Background



This preview shows how the XYZ color 34.7295, 26.7713, 13.9266 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 34.7295, 26.7713, 13.9266 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 × Fail

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

XYZ 34.7295, 26.7713, 13.9266

Background



This preview shows how black text looks on a background with the XYZ color 34.7295, 26.7713, 13.9266.



This preview shows how white text looks on a background with the XYZ color 34.7295, 26.7713,

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

34.7295, 26.7713, 13.9266

Protanopia

25.1717, 27.0413, 17.2574

Deuteranopia

27.4442, 27.0044, 13.4388



Tritanopia

36.1656, 26.6978, 20.6998

Trichromacy



Original Color

34.7295, 26.7713, 13.9266

Protanomaly

27.8338, 26.3264, 15.9264

Deuteranomaly

29.6151, 26.5080, 13.4532

Tritanomaly

35.4726, 26.5630, 18.0094

Monochromacy



Original Color

34.7295, 26.7713, 13.9266

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

27.6152, 26.0648, 22.6443

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.7295, 26.7713, 13.9266 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(210, 115, 94)` looks like.

```
.text, #text, p{  
    color:rgb(210, 115, 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(210, 115, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 115, 94) }
```

Border

The CSS property to change the border of an element to XYZ 34.7295, 26.7713, 13.9266 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(210, 115, 94) }
```


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

```
.border{ border-color:rgb(210, 115, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 115, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 115, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 115, 94);  
box-shadow:4px 4px 4px 4px rgb(210, 115,  
94) }
```

Background

The CSS property to change the background color of an element to XYZ 34.7295, 26.7713, 13.9266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 115, 94) }
```

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

```
.background{ background-color: rgb(210,  
115, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor