

Converting Colors

XYZ(34.0455, 35.1149, 29.5225)

Have a look what the booklet for
XYZ(34.0455, 35.1149, 29.5225)
contains.

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Color

**XYZ(34.1206, 35.2020,
29.4224)**

Conversions

Conversions Part 1

Format	Color
Hex	AD9E8B
RGB	173, 158, 139
RGB Percent	68%, 62%, 55%
CMY	0.3216, 0.3804, 0.4549
CMYK	0.00, 0.09, 0.20, 0.32
HSL	34°, 17%, 61%
HSV	34°, 20%, 68%
XYZ	34.1206, 35.2020, 29.4224
YIQ	160.3190, 15.0390, -2.7290

Conversions

Conversions Part 2

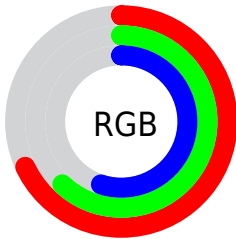
Format	Color
RYB	166, 173, 139
Decimal	11378315
CIELab	65.91, 2.31, 11.92
CIELCh	66, 12.138, 79.011
Yxy	35.2020, 0.3455, 0.3565
Android (android.graphics.Color)	4289568395 (0xFFAD9E8B)
YUV	160.3190, -10.5103, 11.1212
Hunter-Lab	59.3313, -1.1768, 12.1300

Details

The XYZ color **34.1206, 35.2020, 29.4224** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.7457, 31.6165, 44.0702**, and the grayscale version is **33.6037, 35.3537, 38.5002**.

A 20% lighter version of the original color is **65.7330, 68.0968, 60.1316**, and **14.8066, 15.2297, 11.6104** is the 20% darker color. If you saturate the color by 10%, you get **31.6941, 32.2142, 22.8629**, and if you desaturate by 10%, it is **36.8299, 38.4347, 37.0639**.

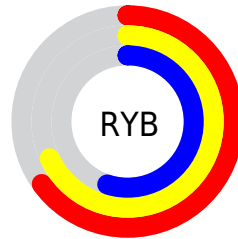
Distribution



Red (68%)

Green (62%)

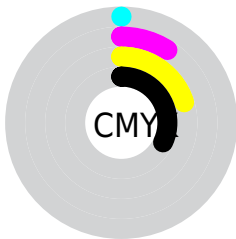
Blue (55%)



Red (65%)

Yellow (68%)

Blue (55%)

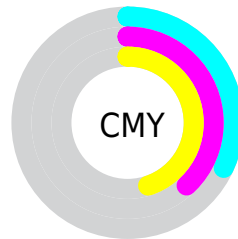


Cyan (0%)

Magenta (9%)

Yellow (20%)

Black (32%)



Cyan (32%)

Magenta (38%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.1206, 35.2020, 29.4224 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 34.1206, 35.2020, 29.4224 by changing the saturation by 10% instead.

■ 34.1206, 35.2020,
29.4224

■ 34.1206, 35.2020,
29.4224

312.2459,
325.4591, 313.3258

■ 23.1496, 23.8185,
19.1523

■ 65.4642, 67.7986,
59.7977

■ 14.8253, 15.1991,
11.6024

■ 86.5675, 89.7805,
80.7399

■ 8.7824, 8.9592,
6.3543

■ 111.7790,
116.0640, 106.0766

■ 4.6555, 4.7146,
2.9895

141.4640,
147.0334, 136.2263

■ 2.0792, 2.0808,
1.0893

175.9878,
183.0733, 171.6076

■ 0.6779, 0.6538,
0.0000

215.7158,

■ 0.0000, 0.0000,

224.5679, 212.6389

0.0000

261.0134,
271.9017, 259.7388

■ 34.1206, 35.2020,
29.4224

■ 34.1206, 35.2020,
29.4224

■ 31.6941, 32.2142,
22.8629

■ 36.8299, 38.4347,
37.0639

■ 29.5367, 29.4598,
17.3334

■ 39.8293, 41.9138,
45.8319

■ 27.6378, 26.9334,
12.7805

■ 43.1295, 45.6470,
55.7709

■ 25.9847, 24.6275,
9.1455

■ 46.7395, 49.6401,
66.9225

■ 24.5635, 22.5340,
6.3632

■ 50.6682, 53.8987,
79.3263

■ 23.3586, 20.6440,
4.3594

■ 54.9238, 58.4282,
93.0199

■ 22.3520, 18.9475,
3.0472

■ 58.6820, 62.9009,
103.6560

■ 21.5079, 17.4276,
2.2475

■ 60.6279, 66.7928,
104.3046

■ 21.4802, 17.3774,
2.2220

■ 62.6651, 70.8672,
104.9837

Harmonies

Analogous

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



35.7734, 35.2020, 31.3422



34.1206, 35.2020, 29.4224



32.3468, 35.2020, 29.7234

Triad

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



34.1206, 35.2020, 29.4224



30.3006, 35.2020, 41.6395



36.1316, 35.2020, 45.1840

Complementary

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



34.1206, 35.2020, 29.4224



29.7457, 31.6165, 44.0702

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.



34.5952, 35.2020, 48.4533



34.1206, 35.2020, 29.4224



31.2455, 35.2020, 46.2839

Square

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



34.1206, 35.2020, 29.4224



30.1838, 35.2020, 36.4757



32.8049, 35.2020, 48.8729



36.9618, 35.2020, 40.2440

Rectangle

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



34.1206, 35.2020, 29.4224



31.3328, 35.2020, 31.1508



32.8049, 35.2020, 48.8729



35.6781, 35.2020, 46.5330

Sweetspot

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



34.1215, 35.2036, 29.4231



67.8057, 70.9937, 71.7154



32.3243, 29.6930, 34.7310



14.6644, 15.3454, 15.3781



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.



34.1215, 35.2036, 29.4231



58.9760, 60.4425, 46.8588



36.4640, 40.4431, 30.3110



8.3625, 8.7299, 8.4576



15.8380, 12.8815, 1.6516



0.4939, 0.4650, 0.0637

Inverse Universe

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



29.7457, 31.6165, 44.0702



49.5626, 52.7269, 78.3708



27.7094, 27.1193, 43.3094



7.8587, 8.3168, 10.1438



7.5106, 6.1551, 29.8367



0.2640, 0.2814, 0.8484

Previews

White Background



This preview shows how the XYZ color 34.1206, 35.2020, 29.4224 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 34.1206, 35.2020, 29.4224 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

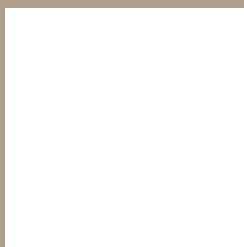
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.1206, 35.2020, 29.4224

Background



This preview shows how black text looks on a background with the XYZ color 34.1206, 35.2020, 29.4224.



This preview shows how white text looks on a background with the XYZ color 34.1206, 35.2020,

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

34.1206, 35.2020, 29.4224

Protanopia

33.4529, 35.3599, 29.8729

Deuteranopia

35.8177, 35.0719, 29.6927



Tritanopia

36.3430, 35.0945, 40.9348

Trichromacy



Original Color

34.1206, 35.2020, 29.4224

Protanomaly

33.7093, 35.2358, 29.8355

Deuteranomaly

35.0454, 34.9198, 29.7041

Tritanomaly

35.4013, 34.9569, 36.3340

Monochromacy



Original Color

34.1206, 35.2020, 29.4224

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

33.5827, 35.0626, 34.7035

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.1206, 35.2020, 29.4224 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(173, 158, 139)` looks like.

```
.text, #text, p{  
    color:rgb(173, 158, 139)  
}
```

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(173, 158, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 158, 139) }
```

Border

The CSS property to change the border of an element to XYZ 34.1206, 35.2020, 29.4224 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(173, 158, 139) }
```


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

```
.border{ border-color:rgb(173, 158, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 158, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 158, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 158, 139);  
box-shadow:4px 4px 4px 4px rgb(173, 158,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 34.1206, 35.2020, 29.4224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 158, 139) }
```

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

```
.background{ background-color: rgb(173,  
158, 139) }
```

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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