

Converting Colors

XYZ(29.9332, 29.7976, 30.8026)

Have a look what the booklet for
XYZ(29.9332, 29.7976, 30.8026)
contains.

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Color

**XYZ(29.9342, 29.8722,
30.9763)**

Conversions

Conversions Part 1

Format	Color
Hex	A19191
RGB	161, 145, 145
RGB Percent	63%, 57%, 57%
CMY	0.3686, 0.4314, 0.4314
CMYK	0.00, 0.10, 0.10, 0.37
HSL	0°, 8%, 60%
HSV	0°, 10%, 63%
XYZ	29.9342, 29.8722, 30.9763
YIQ	149.7840, 9.5360, 3.3920

Conversions

Conversions Part 2

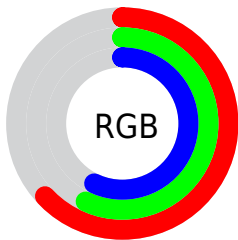
Format	Color
R _Y B	161, 145, 145
Decimal	10588561
CIE Lab	61.54, 5.94, 2.16
CIE LCh	62, 6.322, 19.954
Yxy	29.8722, 0.3297, 0.3291
Android (android.graphics.Color)	4288778641 (0xFFA19191)
YUV	149.7840, -2.3585, 9.8364
Hunter-Lab	54.6555, 2.1154, 4.6559

Details

The XYZ color **29.9342, 29.8722, 30.9763** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.8549, 34.0822, 38.6709**, and the grayscale version is **28.9054, 30.4108, 33.1173**.

A 20% lighter version of the original color is **59.0511, 59.5693, 62.4185**, and **12.4644, 12.2619, 12.5363** is the 20% darker color. If you saturate the color by 10%, you get **26.4919, 24.8354, 24.1318**, and if you desaturate by 10%, it is **33.9026, 35.6791, 38.8649**.

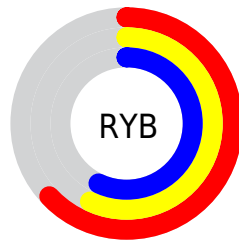
Distribution



Red (63%)

Green (57%)

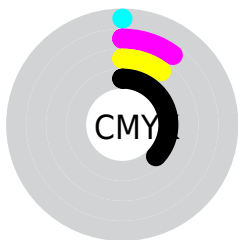
Blue (57%)



Red (63%)

Yellow (57%)

Blue (57%)

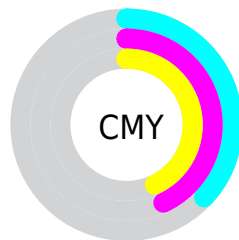


Cyan (0%)

Magenta (10%)

Yellow (10%)

Black (37%)



Cyan (37%)

Magenta (43%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.9342, 29.8722, 30.9763 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 29.9342, 29.8722, 30.9763 by changing the saturation by 10% instead.

■ 29.9342, 29.8722,
30.9763

■ 29.9342, 29.8722,
30.9763

293.5130,
301.3083, 320.7769

■ 19.9365, 19.7416,
20.3225

■ 58.9454, 59.4600,
62.2819

■ 12.4569, 12.2074,
12.4433

■ 78.6897, 79.6860,
83.7708

■ 7.1300, 6.8851,
6.9201

102.4135,
104.0459, 109.7084

■ 3.5906, 3.3903,
3.3345

130.4821,
132.9242, 140.5133

■ 1.4732, 1.3387,
1.2679

163.2611,
166.7052, 176.6041

■ 0.3075, 0.1709,
0.0352

201.1156,

■ 0.0000, 0.0000,

205.7732, 218.3993

0.0000

244.4111,
250.5128, 266.3174

■ 29.9342, 29.8722,
30.9763

■ 29.9342, 29.8722,
30.9763

■ 26.4919, 24.8354,
24.1318

■ 33.9026, 35.6791,
38.8649

■ 23.5514, 20.5327,
18.2860

■ 38.4154, 42.2823,
47.8368

■ 21.0900, 16.9309,
13.3927

■ 43.4928, 49.7117,
57.9315

■ 19.0823, 13.9930,
9.4015

■ 49.1535, 57.9946,
69.1859

■ 17.5006, 11.6785,
6.2573

■ 55.4152, 67.1568,
81.6353

■ 16.3141, 9.9423,
3.8991

■ 62.2949, 77.2231,
95.3133

■ 15.4882, 8.7336,
2.2574

■ 68.5081, 86.3172,
107.6579

■ 14.9818, 7.9925,
1.2512

■ 14.7001, 7.5802,
0.6912

Harmonies

Analogous

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



30.0089, 29.8722, 33.3373



29.9342, 29.8722, 30.9763



29.4420, 29.8722, 29.1196

Triad

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



29.9342, 29.8722, 30.9763



27.1770, 29.8722, 29.6463



28.1125, 29.8722, 37.2842

Complementary

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



29.9342, 29.8722, 30.9763



30.8549, 34.0822, 38.6709

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.



27.3685, 29.8722, 36.1876



29.9342, 29.8722, 30.9763



26.8355, 29.8722, 31.7274

Square

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



29.9342, 29.8722, 30.9763



27.8463, 29.8722, 28.3783



26.9049, 29.8722, 34.1260



28.9460, 29.8722, 37.0588

Rectangle

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



29.9342, 29.8722, 30.9763



28.9485, 29.8722, 28.3806



26.9049, 29.8722, 34.1260



27.8439, 29.8722, 37.0560

Sweetspot

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



29.9350, 29.8735, 30.9769



58.3970, 60.5042, 64.9925



31.2568, 30.4015, 37.9393



12.6837, 13.0886, 14.0080



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



29.9350, 29.8735, 30.9769



52.1184, 51.3170, 52.5100



31.2004, 32.4043, 31.3987



7.0739, 7.0862, 7.3750



11.7391, 6.0521, 0.5495



0.2467, 0.1272, 0.0116

Inverse Universe

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



30.8549, 34.0822, 38.6709



54.1140, 60.4476, 69.2020



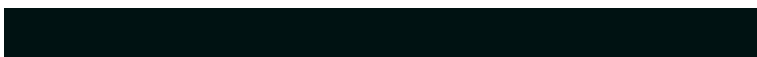
29.5017, 31.3759, 38.2199



7.2760, 8.0111, 9.0659



15.3130, 22.4053, 30.4474



0.3218, 0.4708, 0.6398

Previews

White Background



This preview shows how the XYZ color 29.9342, 29.8722, 30.9763 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 29.9342, 29.8722, 30.9763 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 29.9342, 29.8722, 30.9763

Background



This preview shows how black text looks on a background with the XYZ color 29.9342, 29.8722, 30.9763.



This preview shows how white text looks on a background with the XYZ color 29.9342, 29.8722,

30.9763.

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

29.9342, 29.8722, 30.9763

Protanopia

28.8053, 29.9618, 31.8688

Deuteranopia

30.3939, 29.8834, 30.9542



Tritanopia

30.6391, 29.6929, 35.1268

Trichromacy



Original Color

29.9342, 29.8722, 30.9763

Protanomaly

29.1396, 29.9113, 31.4318

Deuteranomaly

30.1884, 29.7774, 30.9446

Tritanomaly

30.4595, 29.8623, 33.4368

Monochromacy



Original Color

29.9342, 29.8722, 30.9763

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

29.2616, 30.1880, 32.3016

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.9342, 29.8722, 30.9763 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(161, 145, 145)` looks like.

```
.text, #text, p{  
    color:rgb(161, 145, 145)  
}
```

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(161, 145, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 145, 145) }
```

Border

The CSS property to change the border of an element to XYZ 29.9342, 29.8722, 30.9763 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(161, 145, 145) }
```


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

```
.border{ border-color:rgb(161, 145, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 145, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 145, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 145, 145);  
box-shadow:4px 4px 4px 4px rgb(161, 145,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 29.9342, 29.8722, 30.9763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 145, 145) }
```

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

```
.background{ background-color: rgb(161,  
145, 145) }
```

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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