

Converting Colors

XYZ(29.6998, 28.3673, 14.0353)

Have a look what the booklet for
XYZ(29.6998, 28.3673, 14.0353)
contains.

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Color

**XYZ(29.6998, 28.3673,
14.0353)**

Conversions

Conversions Part 1

Format	Color
Hex	B4895C
RGB	180, 137, 92
RGB Percent	71%, 54%, 36%
CMY	0.2941, 0.4627, 0.6392
CMYK	0.00, 0.24, 0.49, 0.29
HSL	31°, 37%, 53%
HSV	31°, 49%, 71%
XYZ	29.6998, 28.3673, 14.0353
YIQ	144.7270, 40.0730, -4.8790

Conversions

Conversions Part 2

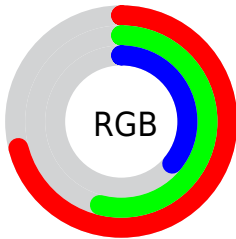
Format	Color
R_{YB}	176, 180, 92
Decimal	11831644
CIE _{Lab}	60.22, 10.76, 30.38
CIE _{LCh}	60, 32.232, 70.494
Yxy	28.3673, 0.4119, 0.3934
Android (android.graphics.Color)	4290021724 (0xFFB4895C)
YUV	144.7270, -25.9944, 30.9344
Hunter-Lab	53.2610, 6.3299, 21.6586

Details

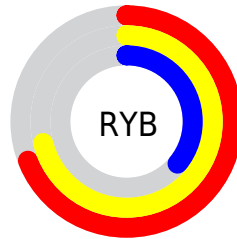
The XYZ color **29.6998, 28.3673, 14.0353** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **21.3154, 22.8976, 46.4761**, and the grayscale version is **26.8942, 28.2947, 30.8130**.

A 20% lighter version of the original color is **58.6313, 56.9872, 33.8960**, and **12.3393, 11.3658, 4.0261** is the 20% darker color. If you saturate the color by 10%, you get **27.8050, 25.6909, 9.9722**, and if you desaturate by 10%, it is **31.8849, 31.3250, 19.1181**.

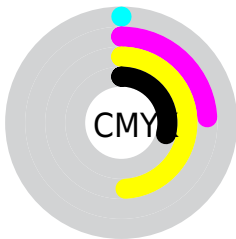
Distribution



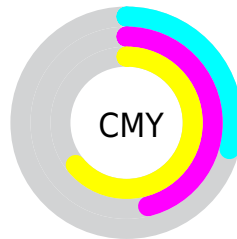
- Red (71%)
- Green (54%)
- Blue (36%)



- Red (69%)
- Yellow (71%)
- Blue (36%)



- Cyan (0%)
- Magenta (24%)
- Yellow (49%)
- Black (29%)





- Cyan (29%)
- Magenta (46%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.6998, 28.3673, 14.0353 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 29.6998, 28.3673, 14.0353 by changing the saturation by 10% instead.


 29.6998, 28.3673,
14.0353


 29.6998, 28.3673,
14.0353


292.4376,
294.2179, 228.8864

 19.7578, 18.6027,
8.0062


 58.5770, 57.0703,
33.8697

 12.3263, 11.3836,
4.0111


 78.2429, 76.7776,
48.5120

 7.0401, 6.3254,
1.6314


 101.8808,
100.5678, 66.8625

 3.5338, 3.0440,
0.3131

 129.8560,
128.8254, 89.3397

 1.4419, 1.1547,
0.0000

162.5340,
161.9349, 116.3622

 0.2858, 0.0243,
0.0000

200.2800,

 0.0000, 0.0000,

200.2805, 148.3484

0.0000

243.4594,
244.2467, 185.7170

■ 29.6998, 28.3673,
14.0353

■ 29.6998, 28.3673,
14.0353

■ 27.8050, 25.6909,
9.9722

■ 31.8849, 31.3250,
19.1181

■ 26.1826, 23.2816,
6.8554

■ 34.3726, 34.5696,
25.2835

■ 24.8154, 21.1296,
4.6043

■ 37.1770, 38.1112,
32.5914

■ 23.6829, 19.2224,
3.1240

■ 40.3107, 41.9584,
41.0968

■ 22.7504, 17.5419,
2.2443

■ 43.7853, 46.1194,
50.8509

■ 22.6541, 17.3669,
2.1581

■ 47.6120, 50.6018,
61.9021

■ 51.8013, 55.4131,
74.2961

■ 56.3633, 60.5605,
88.0765

■ 61.3078, 66.0508,
103.2848

Harmonies

Analogous

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



33.4587, 28.3673, 18.3544



29.6998, 28.3673, 14.0353



25.5425, 28.3673, 13.4961

Triad

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



29.6998, 28.3673, 14.0353



19.8878, 28.3673, 35.2144



32.4508, 28.3673, 51.5951

Complementary

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



29.6998, 28.3673, 14.0353



21.3154, 22.8976, 46.4761

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.



28.4336, 28.3673, 59.0574



29.6998, 28.3673, 14.0353



21.3664, 28.3673, 48.1212

Square

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



29.6998, 28.3673, 14.0353



20.1524, 28.3673, 23.9029



24.3983, 28.3673, 57.6450



35.1557, 28.3673, 39.1144

Rectangle

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



29.6998, 28.3673, 14.0353



23.1324, 28.3673, 15.1507



24.3983, 28.3673, 57.6450



31.1931, 28.3673, 54.9017

Sweetspot

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



29.7005, 28.3687, 14.0359



69.4033, 71.5723, 64.4396



27.0936, 19.1354, 25.5583



14.7524, 15.1627, 13.2604



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



29.7005, 28.3687, 14.0359



50.0626, 46.0694, 17.3650



37.0754, 43.1184, 16.4942



8.8437, 9.1998, 8.9622



15.8788, 12.2561, 1.5288



0.5578, 0.5020, 0.0675

Inverse Universe

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



21.3154, 22.8976, 46.4761



33.0232, 34.9562, 83.3013



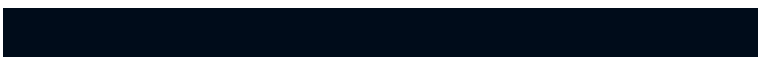
16.4792, 13.2252, 44.8640



8.3733, 8.8927, 10.7815



8.2492, 7.2988, 31.1110



0.3180, 0.3466, 0.9984

Previews

White Background



This preview shows how the XYZ color 29.6998, 28.3673, 14.0353 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 29.6998, 28.3673, 14.0353 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

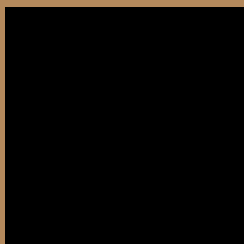
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.6998, 28.3673, 14.0353

Background



This preview shows how black text looks on a background with the XYZ color 29.6998, 28.3673, 14.0353.



This preview shows how white text looks on a background with the XYZ color 29.6998, 28.3673,

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

29.6998, 28.3673, 14.0353

Protanopia

26.2915, 28.3461, 14.9121

Deuteranopia

29.0689, 28.4681, 14.0880



Tritanopia

32.6912, 28.3460, 28.9476

Trichromacy



Original Color

29.6998, 28.3673, 14.0353

Protanomaly

27.4193, 28.2611, 14.5995

Deuteranomaly

29.1517, 28.2968, 14.0506

Tritanomaly

31.4911, 28.2724, 22.5362

Monochromacy



Original Color

29.6998, 28.3673, 14.0353

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

27.5394, 28.1215, 23.7152

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.6998, 28.3673, 14.0353 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(180, 137, 92)` looks like.

```
.text, #text, p{  
    color:rgb(180, 137, 92)  
}
```

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(180, 137, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 137, 92) }
```

Border

The CSS property to change the border of an element to XYZ 29.6998, 28.3673, 14.0353 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(180, 137, 92) }
```


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

```
.border{ border-color:rgb(180, 137, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 137, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 137, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 137, 92);  
box-shadow:4px 4px 4px 4px rgb(180, 137,  
92) }
```

Background

The CSS property to change the background color of an element to XYZ 29.6998, 28.3673, 14.0353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 137, 92) }
```

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

```
.background{ background-color: rgb(180,  
137, 92) }
```

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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