

Converting Colors

XYZ(34.5753, 31.1724, 20.4142)

Have a look what the booklet for
XYZ(34.5753, 31.1724, 20.4142)
contains.

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Color

**XYZ(34.5753, 31.1724,
20.4142)**

Conversions

Conversions Part 1

Format	Color
Hex	C28B73
RGB	194, 139, 115
RGB Percent	76%, 55%, 45%
CMY	0.2392, 0.4549, 0.5490
CMYK	0.00, 0.28, 0.41, 0.24
HSL	18°, 39%, 61%
HSV	18°, 41%, 76%
XYZ	34.5753, 31.1724, 20.4142
YIQ	152.7090, 40.4840, 4.1960

Conversions

Conversions Part 2

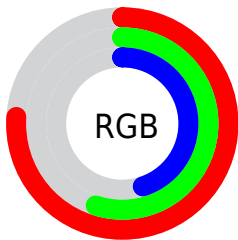
Format	Color
RYB	194, 149, 115
Decimal	12749683
CIELab	62.65, 17.91, 21.14
CIELCh	63, 27.704, 49.735
Yxy	31.1724, 0.4013, 0.3618
Android (android.graphics.Color)	4290939763 (0xFFC28B73)
YUV	152.7090, -18.5905, 36.2122
Hunter-Lab	55.8322, 12.8335, 17.4041

Details

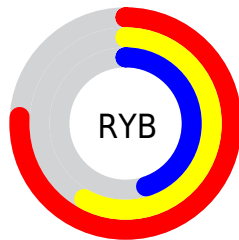
The XYZ color **34.5753, 31.1724, 20.4142** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **31.1820, 36.2879, 56.3998**, and the grayscale version is **30.2184, 31.7921, 34.6216**.

A 20% lighter version of the original color is **66.1899, 61.6254, 44.9655**, and **15.0667, 12.9533, 7.0163** is the 20% darker color. If you saturate the color by 10%, you get **31.7382, 27.1007, 14.5285**, and if you desaturate by 10%, it is **37.8905, 35.8243, 27.6190**.

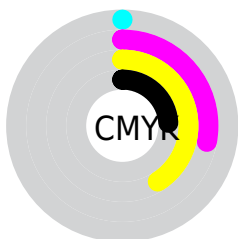
Distribution



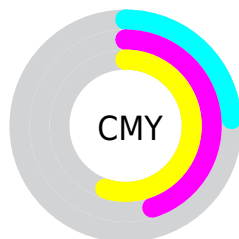
- Red (76%)
- Green (55%)
- Blue (45%)



- Red (76%)
- Yellow (58%)
- Blue (45%)



- Cyan (0%)
- Magenta (28%)
- Yellow (41%)
- Black (24%)





- Cyan (24%)
- Magenta (45%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.5753, 31.1724, 20.4142 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 34.5753, 31.1724, 20.4142 by changing the saturation by 10% instead.


 34.5753, 31.1724,
20.4142


 34.5753, 31.1724,
20.4142


314.2307,
307.3318, 266.8267


 23.5009, 20.7302,
12.5094

 66.1657, 61.5114,
44.9786

 15.0865, 12.9269,
6.9649


 87.4124, 82.1769,
62.4753

 8.9668, 7.3782,
3.3620


 112.7805,
107.0191, 84.0064

 4.7765, 3.6997,
1.2823

142.6355,
136.4221, 109.9904

 2.1501, 1.5071,
0.0472

177.3426,
170.7705, 140.8459

 0.7163, 0.2937,
0.0000

217.2673,

 0.0000, 0.0000,

210.4487, 176.9915

0.0000

262.7749,
255.8410, 218.8455

■ 34.5753, 31.1724,
20.4142

■ 34.5753, 31.1724,
20.4142

■ 31.7382, 27.1007,
14.5285

■ 37.8905, 35.8243,
27.6190

■ 29.3532, 23.5811,
9.8787

■ 41.7034, 41.0740,
36.2152

■ 27.3953, 20.5900,
6.3753

■ 46.0352, 46.9437,
46.2720

■ 25.8357, 18.0999,
3.9154

■ 50.9051, 53.4534,
57.8537

■ 24.6411, 16.0806,
2.3775

■ 56.3315, 60.6218,
71.0203

■ 23.8094, 14.5919,
1.5616

■ 62.3316, 68.4673,
85.8290

■ 68.9220, 77.0071,
102.3338

■ 73.5734, 85.2398,
107.1829

■ 76.0581, 90.2093,
108.0112

Harmonies

Analogous

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



37.0046, 31.1724, 27.3908



34.5753, 31.1724, 20.4142



30.9418, 31.1724, 17.3115

Triad

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



34.5753, 31.1724, 20.4142



23.0406, 31.1724, 30.3677



32.1493, 31.1724, 57.5280

Complementary

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



34.5753, 31.1724, 20.4142



31.1820, 36.2879, 56.3998

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.



28.3528, 31.1724, 58.8008



34.5753, 31.1724, 20.4142



23.3040, 31.1724, 41.4612

Square

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



34.5753, 31.1724, 20.4142



24.4244, 31.1724, 22.1937



25.1775, 31.1724, 52.4175



35.5236, 31.1724, 49.2397

Rectangle

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



34.5753, 31.1724, 20.4142



28.4172, 31.1724, 17.2902



25.1775, 31.1724, 52.4175



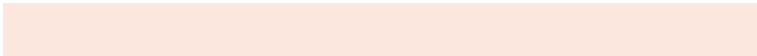
30.8736, 31.1724, 58.8490

Sweetspot

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



34.5761, 31.1739, 20.4148



82.1908, 83.4159, 80.9859



35.6632, 26.6447, 41.4427



17.7617, 17.9470, 17.1801



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.



34.5761, 31.1739, 20.4148



57.9513, 49.7527, 27.2306



41.3030, 44.6277, 22.6571



10.3172, 10.5658, 10.5575



15.7180, 9.7218, 1.0481



0.7413, 0.5445, 0.0660

Inverse Universe

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



31.1820, 36.2879, 56.3998



50.9230, 60.2357, 101.4125



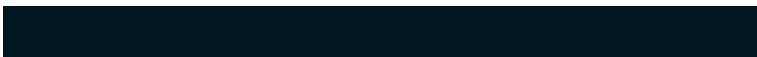
24.8976, 23.7191, 54.3050



10.1019, 10.8951, 12.8554



12.1783, 14.1131, 35.6389



0.5846, 0.7265, 1.5593

Previews

White Background



This preview shows how the XYZ color 34.5753, 31.1724, 20.4142 looks on a white background.

Color Contrast Check

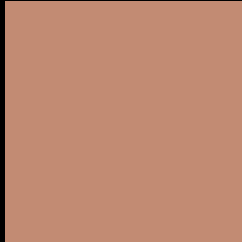
Large Text (above 18pt) WCAG AA × Fail

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 34.5753, 31.1724, 20.4142 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

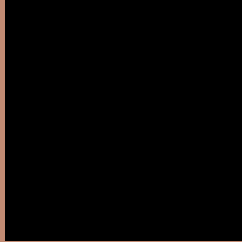
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.5753, 31.1724, 20.4142

Background



This preview shows how black text looks on a background with the XYZ color 34.5753, 31.1724, 20.4142.



This preview shows how white text looks on a background with the XYZ color 34.5753, 31.1724,

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

34.5753, 31.1724, 20.4142

Protanopia

29.3774, 31.4140, 22.6043

Deuteranopia

31.9066, 31.3564, 20.2903



Tritanopia

36.8008, 31.2426, 30.8789

Trichromacy



Original Color

34.5753, 31.1724, 20.4142

Protanomaly

30.9971, 31.0836, 21.8188

Deuteranomaly

32.6269, 31.0502, 20.1932

Tritanomaly

35.8722, 31.0653, 26.6598

Monochromacy



Original Color

34.5753, 31.1724, 20.4142

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

31.3986, 31.3687, 28.8260

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.5753, 31.1724, 20.4142 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(194, 139, 115)` looks like.

```
.text, #text, p{  
    color:rgb(194, 139, 115)  
}
```

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(194, 139, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 139, 115) }
```

Border

The CSS property to change the border of an element to XYZ 34.5753, 31.1724, 20.4142 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(194, 139, 115) }
```


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

```
.border{ border-color:rgb(194, 139, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 139, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 139, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 139, 115);  
box-shadow:4px 4px 4px 4px rgb(194, 139,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 34.5753, 31.1724, 20.4142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 139, 115) }
```

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

```
.background{ background-color: rgb(194,  
139, 115) }
```

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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