

Converting Colors

XYZ(33.3544, 30.1560, 20.1767)

Have a look what the booklet for
XYZ(33.3544, 30.1560, 20.1767)
contains.

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Color

**XYZ(33.2754, 30.0763,
20.2712)**

Conversions

Conversions Part 1

Format	Color
Hex	BE8973
RGB	190, 137, 115
RGB Percent	75%, 54%, 45%
CMY	0.2549, 0.4627, 0.5490
CMYK	0.00, 0.28, 0.39, 0.25
HSL	18°, 37%, 60%
HSV	18°, 39%, 75%
XYZ	33.2754, 30.0763, 20.2712
YIQ	150.3390, 38.6500, 4.3940

Conversions

Conversions Part 2

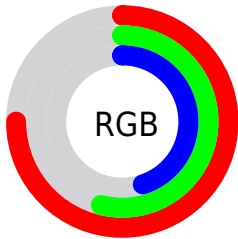
Format	Color
RYB	190, 146, 115
Decimal	12487027
CIELab	61.72, 17.40, 19.80
CIElCh	62, 26.356, 48.696
Yxy	30.0763, 0.3979, 0.3597
Android (android.graphics.Color)	4290677107 (0xFFBE8973)
YUV	150.3390, -17.4221, 34.7827
Hunter-Lab	54.8419, 12.3319, 16.4739

Details

The XYZ color **33.2754, 30.0763, 20.2712** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **30.3666, 35.3665, 53.9411**, and the grayscale version is **29.1944, 30.7148, 33.4484**.

A 20% lighter version of the original color is **64.3173, 60.0081, 44.7520**, and **14.4130, 12.3725, 6.9387** is the 20% darker color. If you saturate the color by 10%, you get **30.5016, 26.1018, 14.4972**, and if you desaturate by 10%, it is **36.5136, 34.6188, 27.3124**.

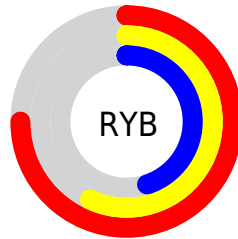
Distribution



Red (75%)

Green (54%)

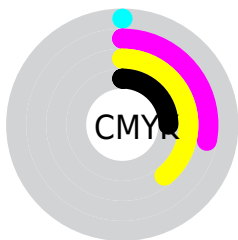
Blue (45%)



Red (75%)

Yellow (57%)

Blue (45%)

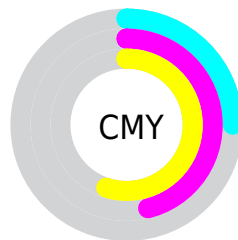


Cyan (0%)

Magenta (28%)

Yellow (39%)

Black (25%)



Cyan (25%)


Magenta (46%)


Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.2754, 30.0763, 20.2712 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 33.2754, 30.0763, 20.2712 by changing the saturation by 10% instead.


 33.2754, 30.0763,
20.2712


 33.2754, 30.0763,
20.2712


308.5320,
302.2599, 266.0322

 22.4977, 19.8965,
12.4063


 64.1571, 59.7828,
44.7363

 14.3417, 12.3198,
6.8951

 84.9918, 80.0783,
62.1737

 8.4420, 6.9619,
3.3192


 109.9096,
104.5146, 83.6389

 4.4332, 3.4383,
1.2598

139.2758,
133.4759, 109.5505

 1.9500, 1.3646,
0.0285

173.4558,
167.3467, 140.3271

 0.6057, 0.1904,
0.0000

212.8149,

 0.0000, 0.0000,

206.5114, 176.3872

0.0000

257.7185,
251.3543, 218.1494

■ 33.2754, 30.0763,
20.2712

■ 33.2754, 30.0763,
20.2712

■ 30.5016, 26.1018,
14.4972

■ 36.5136, 34.6188,
27.3124

■ 28.1673, 22.6681,
9.9122

■ 40.2348, 39.7466,
35.6888

■ 26.2486, 19.7519,
6.4322

■ 44.4596, 45.4815,
45.4659

■ 24.7179, 17.3266,
3.9612

■ 49.2064, 51.8430,
56.7042

■ 23.5439, 15.3626,
2.3863

■ 54.4927, 58.8494,
69.4606

■ 22.6768, 13.8216,
1.5014

■ 60.3354, 66.5186,
83.7891

■ 22.6370, 13.7507,
1.4611

■ 66.7502, 74.8676,
99.7408

■ 71.7594, 83.1155,
106.8685

■ 75.0452, 89.6871,
107.9638

Harmonies

Analogous

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



35.4659, 30.0763, 26.9364



33.2754, 30.0763, 20.2712



29.9297, 30.0763, 17.2192

Triad

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



33.2754, 30.0763, 20.2712



22.4677, 30.0763, 29.1044



30.8044, 30.0763, 54.6736

Complementary

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



33.2754, 30.0763, 20.2712



30.3666, 35.3665, 53.9411

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.



27.2843, 30.0763, 55.5860



33.2754, 30.0763, 20.2712



22.6600, 30.0763, 39.3406

Square

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



33.2754, 30.0763, 20.2712



23.8117, 30.0763, 21.5777



24.3604, 30.0763, 49.5143



33.9606, 30.0763, 47.2300

Rectangle

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



33.2754, 30.0763, 20.2712



27.5786, 30.0763, 17.1199



24.3604, 30.0763, 49.5143



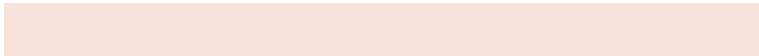
29.6189, 30.0763, 55.8036

Sweetspot

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



33.2762, 30.0777, 20.2718



78.3916, 79.4801, 77.3116



34.5041, 26.0641, 40.6257



16.9875, 17.1462, 16.4505



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



33.2762, 30.0777, 20.2718



56.0764, 48.4628, 27.9054



39.4176, 42.3607, 22.3190



9.7522, 9.9803, 9.9890



15.1123, 9.2634, 0.9915



0.6505, 0.4800, 0.0584

Inverse Universe

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



30.3666, 35.3665, 53.9411



50.0727, 59.2804, 97.0823



24.5147, 23.6627, 51.9905



9.5657, 10.3238, 12.1607



11.9430, 13.9977, 34.4653



0.5218, 0.6563, 1.3680

Previews

White Background



This preview shows how the XYZ color 33.2754, 30.0763, 20.2712 looks on a white background.

Color Contrast Check

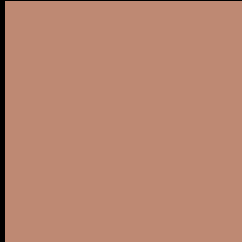
Large Text (above 18pt) WCAG AA × Fail

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 33.2754, 30.0763, 20.2712 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

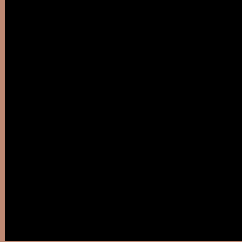
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 33.2754, 30.0763, 20.2712

Background



This preview shows how black text looks on a background with the XYZ color 33.2754, 30.0763, 20.2712.



This preview shows how white text looks on a background with the XYZ color 33.2754, 30.0763,

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

33.2754, 30.0763, 20.2712

Protanopia

28.2992, 30.1445, 22.4161

Deuteranopia

30.7642, 30.0899, 20.1061



Tritanopia

35.3378, 30.0957, 29.9331

Trichromacy



Original Color

33.2754, 30.0763, 20.2712

Protanomaly

30.0327, 30.1288, 21.6853

Deuteranomaly

31.6182, 30.0884, 20.0608

Tritanomaly

34.4970, 29.9501, 26.1531

Monochromacy



Original Color

33.2754, 30.0763, 20.2712

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

30.1578, 30.0563, 27.8789

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.2754, 30.0763, 20.2712 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(190, 137, 115)` looks like.

```
.text, #text, p{  
    color:rgb(190, 137, 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(190, 137, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 137, 115) }
```

Border

The CSS property to change the border of an element to XYZ 33.2754, 30.0763, 20.2712 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(190, 137, 115) }
```


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

```
.border{ border-color:rgb(190, 137, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 137, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 137, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 137, 115);  
box-shadow:4px 4px 4px 4px rgb(190, 137,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 33.2754, 30.0763, 20.2712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 137, 115) }
```

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

```
.background{ background-color: rgb(190,  
137, 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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