

Converting Colors

XYZ(26.7640, 29.3105, 20.8457)

Have a look what the booklet for
XYZ(26.7640, 29.3105, 20.8457)
contains.

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Color

**XYZ(26.8487, 29.4312,
20.7887)**

Conversions

Conversions Part 1

Format	Color
Hex	989574
RGB	152, 149, 116
RGB Percent	60%, 58%, 45%
CMY	0.4039, 0.4157, 0.5451
CMYK	0.00, 0.02, 0.24, 0.40
HSL	55°, 15%, 53%
HSV	55°, 24%, 60%
XYZ	26.8487, 29.4312, 20.7887
YIQ	146.1350, 12.3810, -9.6270

Conversions

Conversions Part 2

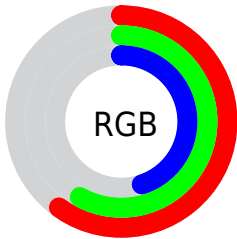
Format	Color
R_{YB}	119, 152, 116
Decimal	9999732
CIE _{Lab}	61.16, -4.52, 17.87
CIE _{LCh}	61, 18.433, 104.190
Yxy	29.4312, 0.3484, 0.3819
Android (android.graphics.Color)	4288189812 (0xFF989574)
YUV	146.1350, -14.8566, 5.1436
Hunter-Lab	54.2505, -6.5984, 15.2556

Details

The XYZ color **26.8487, 29.4312, 20.7887** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **19.4667, 19.1732, 32.3807**, and the grayscale version is **27.4330, 28.8617, 31.4304**.

A 20% lighter version of the original color is **54.1559, 58.8044, 45.5419**, and **10.7779, 11.9194, 7.2015** is the 20% darker color. If you saturate the color by 10%, you get **25.8371, 28.7090, 16.4406**, and if you desaturate by 10%, it is **28.0087, 30.2182, 25.9008**.

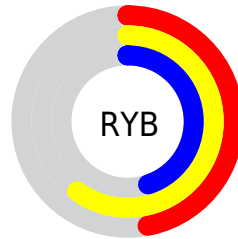
Distribution



Red (60%)

Green (58%)

Blue (45%)



Red (47%)

Yellow (60%)

Blue (45%)

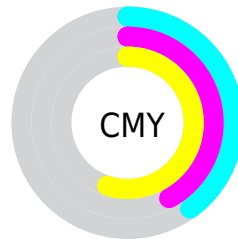


Cyan (0%)

Magenta (2%)

Yellow (24%)

Black (40%)



Cyan (40%)

Magenta (42%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.8487, 29.4312, 20.7887 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 26.8487, 29.4312, 20.7887 by changing the saturation by 10% instead.

■ 26.8487, 29.4312,
20.7887

■ 26.8487, 29.4312,
20.7887

279.1047,
299.2441, 268.8975

■ 17.5956, 19.4073,
12.7799

■ 54.0626, 58.7615,
45.6118

■ 10.7580, 11.9649,
7.1482

■ 72.7541, 78.8366,
63.2632

■ 5.9704, 6.7198,
3.4751

■ 95.3225, 103.0309,
84.9659

■ 2.8676, 3.2875,
1.3421

122.1331,
131.7288, 111.1384

■ 1.0841, 1.2836,
0.0959

153.5513,
165.3147, 142.1993

■ 0.0118, 0.1285,
0.0000

189.9423,

■ 0.0000, 0.0000,

204.1729, 178.5671

0.0000

231.6717,
248.6879, 220.6603

■ 26.8487, 29.4312,
20.7887

■ 26.8487, 29.4312,
20.7887

■ 25.8371, 28.7090,
16.4406

■ 28.0087, 30.2182,
25.9008

■ 24.9647, 28.0449,
12.8175

■ 29.3213, 31.0688,
31.8096

■ 24.2244, 27.4372,
9.8801

■ 30.7936, 31.9868,
38.5480

■ 23.6080, 26.8824,
7.5843

■ 32.4313, 32.9744,
46.1467

■ 23.1061, 26.3769,
5.8810

■ 34.2399, 34.0339,
54.6346

■ 22.7081, 25.9164,
4.7140

■ 36.2247, 35.1675,
64.0395

■ 22.4012, 25.4957,
4.0162

■ 38.3907, 36.3770,
74.3878

■ 22.2321, 25.2416,
3.7004

■ 40.7428, 37.6646,
85.7050

■ 43.2856, 39.0320,
98.0154

Harmonies

Analogous

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



29.2598, 29.4312, 20.8618



26.8487, 29.4312, 20.7887



24.8551, 29.4312, 23.4120

Triad

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



26.8487, 29.4312, 20.7887



24.7693, 29.4312, 42.2561



32.6915, 29.4312, 35.8133

Complementary

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



26.8487, 29.4312, 20.7887



19.4667, 19.1732, 32.3807

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.



31.3423, 29.4312, 42.5769



26.8487, 29.4312, 20.7887



26.7254, 29.4312, 46.6466

Square

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



26.8487, 29.4312, 20.7887



23.7023, 29.4312, 35.4232



29.1292, 29.4312, 46.7719



32.7293, 29.4312, 28.8898

Rectangle

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



26.8487, 29.4312, 20.7887



23.9918, 29.4312, 26.5890



29.1292, 29.4312, 46.7719



32.3730, 29.4312, 38.2019

Sweetspot

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



26.8495, 29.4325, 20.7893



50.9236, 54.3078, 52.3833



22.5243, 20.4985, 20.2226



11.5464, 12.3255, 11.7801



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



26.8495, 29.4325, 20.7893



46.4916, 51.3169, 32.7995



24.6974, 29.0360, 20.8262



6.6649, 7.1349, 6.6317



18.6519, 21.1862, 3.1063



0.2900, 0.3391, 0.0502

Inverse Universe

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



19.4667, 19.1732, 32.3807



31.3225, 30.2387, 56.6194



21.2733, 19.5835, 32.3647



5.9238, 6.1049, 7.7951



4.8796, 2.1559, 25.0667



0.0826, 0.0515, 0.3780

Previews

White Background



This preview shows how the XYZ color 26.8487, 29.4312, 20.7887 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 26.8487, 29.4312, 20.7887 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

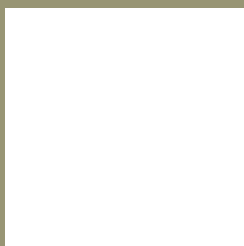
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.8487, 29.4312, 20.7887

Background



This preview shows how black text looks on a background with the XYZ color 26.8487, 29.4312, 20.7887.



This preview shows how white text looks on a background with the XYZ color 26.8487, 29.4312,

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

26.8487, 29.4312, 20.7887

Protanopia

27.4329, 29.2733, 20.4241

Deuteranopia

29.8971, 29.4010, 20.9288



Tritanopia

29.7943, 29.4812, 35.1305

Trichromacy



Original Color

26.8487, 29.4312, 20.7887

Protanomaly

27.2020, 29.3862, 20.4581

Deuteranomaly

28.8533, 29.5345, 21.0096

Tritanomaly

28.6042, 29.4494, 29.3760

Monochromacy



Original Color

26.8487, 29.4312, 20.7887

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

27.0196, 28.9126, 27.0783

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.8487, 29.4312, 20.7887 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(152, 149, 116)` looks like.

```
.text, #text, p{  
    color:rgb(152, 149, 116)  
}
```

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(152, 149, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 149, 116) }
```

Border

The CSS property to change the border of an element to XYZ 26.8487, 29.4312, 20.7887 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(152, 149, 116) }
```


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

```
.border{ border-color:rgb(152, 149, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 149, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 149, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 149, 116);  
box-shadow:4px 4px 4px 4px rgb(152, 149,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 26.8487, 29.4312, 20.7887 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 149, 116) }
```

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

```
.background{ background-color: rgb(152,  
149, 116) }
```

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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