

Converting Colors

XYZ(21.2155, 21.3887, 13.6004)

Have a look what the booklet for
XYZ(21.2155, 21.3887, 13.6004)
contains.

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Color

**XYZ(21.2607, 21.4265,
13.6048)**

Conversions

Conversions Part 1

Format	Color
Hex	937C5E
RGB	147, 124, 94
RGB Percent	58%, 49%, 37%
CMY	0.4235, 0.5137, 0.6314
CMYK	0.00, 0.16, 0.36, 0.42
HSL	34°, 22%, 47%
HSV	34°, 36%, 58%
XYZ	21.2607, 21.4265, 13.6048
YIQ	127.4570, 23.3380, -4.4540

Conversions

Conversions Part 2

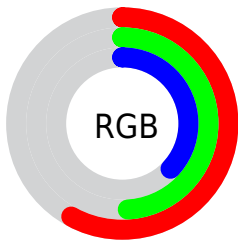
Format	Color
R_{YB}	135, 147, 94
Decimal	9665630
CIE Lab	53.41, 4.32, 19.69
CIE LCh	53, 20.160, 77.620
Yxy	21.4265, 0.3777, 0.3806
Android (android.graphics.Color)	4287855710 (0xFF937C5E)
YUV	127.4570, -16.4943, 17.1392
Hunter-Lab	46.2888, 0.9807, 14.9761

Details

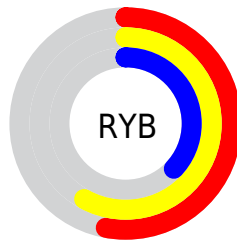
The XYZ color **21.2607, 21.4265, 13.6048** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **16.2437, 17.2084, 30.0694**, and the grayscale version is **20.3800, 21.4413, 23.3496**.

A 20% lighter version of the original color is **44.9933, 45.6516, 33.2283**, and **7.7689, 7.6785, 3.8689** is the 20% darker color. If you saturate the color by 10%, you get **19.8894, 19.6408, 10.1975**, and if you desaturate by 10%, it is **22.8105, 23.3679, 17.6920**.

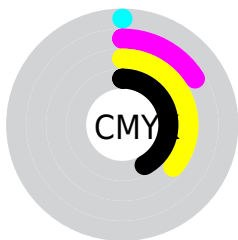
Distribution



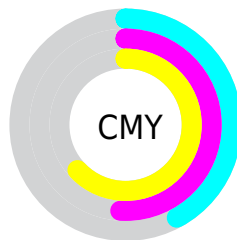
- Red (58%)
- Green (49%)
- Blue (37%)



- Red (53%)
- Yellow (58%)
- Blue (37%)



- Cyan (0%)
- Magenta (16%)
- Yellow (36%)
- Black (42%)



- Cyan (42%)
- Magenta (51%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.2607, 21.4265, 13.6048 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 21.2607, 21.4265, 13.6048 by changing the saturation by 10% instead.

■ 21.2607, 21.4265,
13.6048

■ 21.2607, 21.4265,
13.6048

251.3663,
259.5365, 226.1005

■ 13.4282, 13.4361,
7.7107

■ 45.0090, 45.7963,
33.0931

■ 7.8031, 7.7295,
3.8253

■ 61.6556, 62.9445,
47.5244

■ 4.0200, 3.9224,
1.5300

■ 81.9709, 83.9140,
65.6386

■ 1.7134, 1.6302,
0.2401

■ 106.3204,
109.0894, 87.8541

■ 0.4647, 0.3779,
0.0000

135.0693,
138.8549, 114.5895

■ 0.0000, 0.0000,
0.0000

168.5830,

173.5950, 146.2633

207.2269,
213.6941, 183.2941

■ 21.2607, 21.4265,
13.6048

■ 21.2607, 21.4265,
13.6048

■ 19.8894, 19.6408,
10.1975

■ 22.8105, 23.3679,
17.6920

■ 18.6867, 18.0030,
7.4306

■ 24.5447, 25.4665,
22.4927

■ 17.6445, 16.5089,
5.2630

■ 26.4708, 27.7277,
28.0400

■ 16.7527, 15.1530,
3.6476

■ 28.5955, 30.1554,
34.3644

■ 16.0003, 13.9290,
2.5307

■ 30.9252, 32.7537,
41.4948

■ 15.3710, 12.8289,
1.8326

■ 33.4657, 35.5262,
49.4585

■ 15.1425, 12.4227,
1.5997

■ 36.2229, 38.4766,
58.2816

■ 39.2021, 41.6085,
67.9891

■ 42.4088, 44.9252,
78.6048

Harmonies

Analogous

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



23.2681, 21.4265, 15.6594



21.2607, 21.4265, 13.6048



19.1444, 21.4265, 13.8004

Triad

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



21.2607, 21.4265, 13.6048



16.6882, 21.4265, 27.0837



23.5601, 21.4265, 32.2134

Complementary

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



21.2607, 21.4265, 13.6048



16.2437, 17.2084, 30.0694

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.



21.6370, 21.4265, 36.4675



21.2607, 21.4265, 13.6048



17.7145, 21.4265, 33.1676

Square

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



21.2607, 21.4265, 13.6048



16.6031, 21.4265, 20.8922



19.4953, 21.4265, 36.8444



24.6567, 21.4265, 25.9500

Rectangle

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



21.2607, 21.4265, 13.6048



17.9543, 21.4265, 15.1818



19.4953, 21.4265, 36.8444



22.9829, 21.4265, 33.9700

Sweetspot

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



21.2612, 21.4275, 13.6052



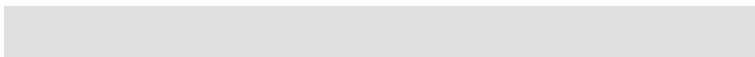
45.5775, 47.5249, 44.9067



19.2966, 15.5131, 19.0704



10.3095, 10.7374, 9.9790



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



21.2612, 21.4275, 13.6052



36.1257, 35.8450, 19.4863



24.0171, 27.6366, 14.6585



6.0568, 6.3274, 6.1426



13.1526, 10.8196, 1.3952



0.1904, 0.1912, 0.0269

Inverse Universe

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



16.2437, 17.2084, 30.0694



25.8187, 27.1825, 53.3205



14.1619, 12.6344, 29.2962



5.6941, 6.0222, 7.3320



6.1685, 5.0317, 24.5771



0.1039, 0.1184, 0.3103

Previews

White Background



This preview shows how the XYZ color 21.2607, 21.4265, 13.6048 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 21.2607, 21.4265, 13.6048 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 21.2607, 21.4265, 13.6048

Background



This preview shows how black text looks on a background with the XYZ color 21.2607, 21.4265, 13.6048.



This preview shows how white text looks on a background with the XYZ color 21.2607, 21.4265,

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

21.2607, 21.4265, 13.6048

Protanopia

20.1470, 21.6012, 14.1739

Deuteranopia

21.7424, 21.3065, 13.5563



Tritanopia

23.3218, 21.3579, 23.6622

Trichromacy



Original Color

21.2607, 21.4265, 13.6048

Protanomaly

20.6394, 21.6677, 13.9209

Deuteranomaly

21.6810, 21.4581, 13.5888

Tritanomaly

22.5674, 21.4197, 19.4680

Monochromacy



Original Color

21.2607, 21.4265, 13.6048

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

20.3869, 21.2278, 19.2425

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.2607, 21.4265, 13.6048 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(147, 124, 94)` looks like.

```
.text, #text, p{  
    color:rgb(147, 124, 94)  
}
```

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(147, 124, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 124, 94) }
```

Border

The CSS property to change the border of an element to XYZ 21.2607, 21.4265, 13.6048 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(147, 124, 94) }
```


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

```
.border{ border-color:rgb(147, 124, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 124, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 124, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 124, 94);  
box-shadow:4px 4px 4px 4px rgb(147, 124,  
94) }
```

Background

The CSS property to change the background color of an element to XYZ 21.2607, 21.4265, 13.6048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 124, 94) }
```

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

```
.background{ background-color: rgb(147,  
124, 94) }
```

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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