

Converting Colors

XYZ(21.5474, 24.5710, 19.5530)

Have a look what the booklet for
XYZ(21.5474, 24.5710, 19.5530)
contains.

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Color

**XYZ(21.6213, 24.7169,
19.5509)**

Conversions

Conversions Part 1

Format	Color
Hex	828C72
RGB	130, 140, 114
RGB Percent	51%, 55%, 45%
CMY	0.4902, 0.4510, 0.5529
CMYK	0.07, 0.00, 0.19, 0.45
HSL	83°, 10%, 50%
HSV	83°, 19%, 55%
XYZ	21.6213, 24.7169, 19.5509
YIQ	134.0460, 2.3860, -10.2060

Conversions

Conversions Part 2

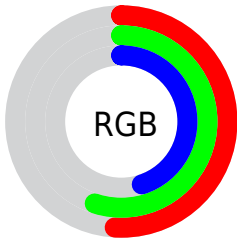
Format	Color
RYB	114, 140, 124
Decimal	8555634
CIELab	56.80, -8.56, 12.68
CIELCh	57, 15.303, 124.027
Yxy	24.7169, 0.3281, 0.3751
Android (android.graphics.Color)	4286745714 (0xFF828C72)
YUV	134.0460, -9.8827, -3.5483
Hunter-Lab	49.7161, -9.3743, 11.4854

Details

The XYZ color **21.6213, 24.7169, 19.5509** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **19.0641, 18.2139, 27.3231**, and the grayscale version is **22.7120, 23.8948, 26.0215**.

A 20% lighter version of the original color is **45.7032, 51.4040, 43.5895**, and **8.0329, 9.4550, 6.5559** is the 20% darker color. If you saturate the color by 10%, you get **20.0802, 24.0083, 15.6326**, and if you desaturate by 10%, it is **23.3289, 25.4987, 24.1148**.

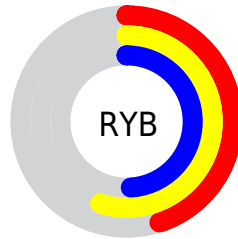
Distribution



Red (51%)

Green (55%)

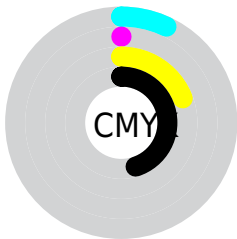
Blue (45%)



Red (45%)

Yellow (55%)

Blue (49%)

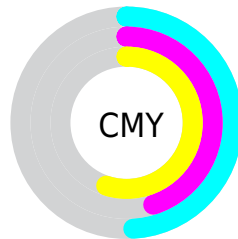


Cyan (7%)

Magenta (0%)

Yellow (19%)

Black (45%)



Cyan (49%)

Magenta (45%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.6213, 24.7169, 19.5509 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 21.6213, 24.7169, 19.5509 by changing the saturation by 10% instead.

■ 21.6213, 24.7169,
19.5509

■ 21.6213, 24.7169,
19.5509

253.2319,
276.4251, 261.9967

■ 13.6939, 15.8663,
11.8882

■ 45.6028, 51.1976,
43.5120

■ 7.9884, 9.4296,
6.5460

■ 62.3877, 69.5964,
60.6474

■ 4.1393, 5.0224,
3.1057

■ 82.8558, 91.9468,
81.7775

■ 1.7812, 2.2604,
1.1489

■ 107.3724,
118.6330, 107.3208

■ 0.5063, 0.7526,
0.0000

136.3030,
150.0396, 137.6958

■ 0.0000, 0.0000,
0.0000

170.0129,

186.5509, 173.3211

208.8674,
228.5513, 214.6152

■ 21.6213, 24.7169,
19.5509

■ 21.6213, 24.7169,
19.5509

■ 20.0802, 24.0083,
15.6326

■ 23.3289, 25.4987,
24.1148

■ 18.6976, 23.3672,
12.3291

■ 25.2070, 26.3530,
29.3501

■ 17.4674, 22.7920,
9.6096

■ 27.2617, 27.2830,
35.2828

■ 16.3825, 22.2796,
7.4399

■ 29.4982, 28.2910,
41.9375

■ 15.4350, 21.8268,
5.7823

■ 31.9215, 29.3790,
49.3373

■ 14.6161, 21.4302,
4.5943

■ 34.5364, 30.5489,
57.5044

■ 13.9158, 21.0854,
3.8266

■ 37.3475, 31.8028,
66.4599

■ 13.3121, 20.7837,
3.3674

■ 40.3593, 33.1425,
76.2244

■ 13.2298, 20.7425,
3.3064

■ 43.5761, 34.5696,
86.8174

Harmonies

Analogous

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



23.2521, 24.7169, 18.2389



21.6213, 24.7169, 19.5509



20.5362, 24.7169, 22.8276

Triad

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



21.6213, 24.7169, 19.5509



22.0193, 24.7169, 36.7675



27.0908, 24.7169, 26.2271

Complementary

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



21.6213, 24.7169, 19.5509



19.0641, 18.2139, 27.3231

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.



26.7201, 24.7169, 31.4578



21.6213, 24.7169, 19.5509



23.7349, 24.7169, 37.9746

Square

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



21.6213, 24.7169, 19.5509



20.7577, 24.7169, 32.8053



25.4690, 24.7169, 35.9228



26.4580, 24.7169, 21.7713

Rectangle

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



21.6213, 24.7169, 19.5509



20.2373, 24.7169, 25.9012



25.4690, 24.7169, 35.9228



27.0796, 24.7169, 27.9498

Sweetspot

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



21.6220, 24.7180, 19.5514



41.9096, 45.3094, 44.6597



21.0569, 21.1982, 18.9018



9.6158, 10.4216, 10.1772



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



21.6220, 24.7180, 19.5514



37.0269, 43.0753, 31.6477



19.7567, 23.7564, 19.4641



5.2478, 5.7505, 5.3858



11.7771, 18.4413, 2.9388



0.0946, 0.1310, 0.0203

Inverse Universe

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



19.0641, 18.2139, 27.3231



31.7181, 29.5747, 47.7797



21.0629, 19.2443, 27.4166



4.9447, 4.9799, 6.3064



5.5718, 2.3865, 22.2127



0.0525, 0.0238, 0.1483

Previews

White Background



This preview shows how the XYZ color 21.6213, 24.7169, 19.5509 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 21.6213, 24.7169, 19.5509 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

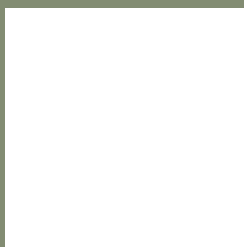
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.6213, 24.7169, 19.5509

Background



This preview shows how black text looks on a background with the XYZ color 21.6213, 24.7169, 19.5509.



This preview shows how white text looks on a background with the XYZ color 21.6213, 24.7169,

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

21.6213, 24.7169, 19.5509

Protanopia

23.2304, 24.7075, 18.8739

Deuteranopia

24.9790, 24.5615, 19.9473



Tritanopia

23.9841, 24.8345, 30.7236

Trichromacy



Original Color

21.6213, 24.7169, 19.5509

Protanomaly

22.5738, 24.5725, 19.1760

Deuteranomaly

23.6522, 24.4910, 19.7003

Tritanomaly

22.9216, 24.5991, 26.0943

Monochromacy



Original Color

21.6213, 24.7169, 19.5509

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

22.3078, 24.1272, 23.5599

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.6213, 24.7169, 19.5509 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(130, 140, 114)` looks like.

```
.text, #text, p{  
    color:rgb(130, 140, 114)  
}
```

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(130, 140, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 140, 114) }
```

Border

The CSS property to change the border of an element to XYZ 21.6213, 24.7169, 19.5509 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(130, 140, 114) }
```


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

```
.border{ border-color:rgb(130, 140, 114) }
```

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

Here you see how a box with a 4 pixel rgb(130, 140, 114) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 140, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 140, 114);  
box-shadow:4px 4px 4px 4px rgb(130, 140,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 21.6213, 24.7169, 19.5509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 140, 114) }
```

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

```
.background{ background-color: rgb(130,  
140, 114) }
```

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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