

Converting Colors

XYZ(21.2334, 20.3744, 24.2157)

Have a look what the booklet for
XYZ(21.2334, 20.3744, 24.2157)
contains.

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Color

**XYZ(21.2944, 20.4749,
24.3024)**

Conversions

Conversions Part 1

Format	Color
Hex	8A7883
RGB	138, 120, 131
RGB Percent	54%, 47%, 51%
CMY	0.4588, 0.5294, 0.4863
CMYK	0.00, 0.13, 0.05, 0.46
HSL	323°, 7%, 51%
HSV	323°, 13%, 54%
XYZ	21.2944, 20.4749, 24.3024
YIQ	126.6360, 7.1970, 7.2370

Conversions

Conversions Part 2

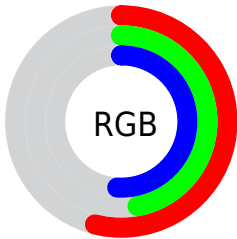
Format	Color
R_{YB}	138, 120, 131
Decimal	9074819
CIE _{Lab}	52.37, 8.98, -3.44
CIE _{LCh}	52, 9.615, 339.043
Yxy	20.4749, 0.3223, 0.3099
Android (android.graphics.Color)	4287264899 (0xFF8A7883)
YUV	126.6360, 2.1515, 9.9662
Hunter-Lab	45.2492, 4.8165, -0.1690

Details

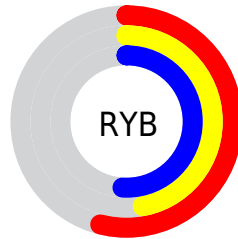
The XYZ color **21.2944, 20.4749, 24.3024** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **20.6657, 23.7028, 23.5657**, and the grayscale version is **20.0397, 21.0833, 22.9597**.

A 20% lighter version of the original color is **45.1425, 44.1722, 51.4942**, and **7.8649, 7.3186, 8.9808** is the 20% darker color. If you saturate the color by 10%, you get **19.3986, 17.2503, 21.9220**, and if you desaturate by 10%, it is **23.4494, 24.1873, 26.8627**.

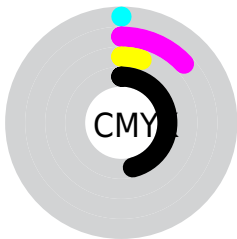
Distribution



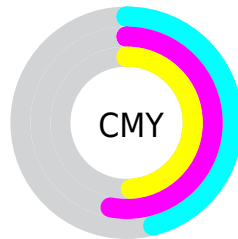
- Red (54%)
- Green (47%)
- Blue (51%)



- Red (54%)
- Yellow (47%)
- Blue (51%)



- Cyan (0%)
- Magenta (13%)
- Yellow (5%)
- Black (46%)



- Cyan (46%)
- Magenta (53%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.2944, 20.4749, 24.3024 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 21.2944, 20.4749, 24.3024 by changing the saturation by 10% instead.

■ 21.2944, 20.4749,
24.3024

■ 21.2944, 20.4749,
24.3024

251.5412,
254.4746, 287.6814

■ 13.4531, 12.7407,
15.3438

■ 45.0646, 44.2120,
51.4732

■ 7.8204, 7.2502,
8.9117

■ 61.7241, 60.9836,
70.5226

■ 4.0311, 3.6191,
4.5876

■ 82.0538, 81.5366,
93.7726

■ 1.7197, 1.4629,
1.9529

106.4189,
106.2553, 121.6418

■ 0.4686, 0.2624,
0.5261

135.1848,
135.5240, 154.5487

■ 0.0000, 0.0000,
0.0000

168.7170,

169.7272, 192.9119

207.3806,
209.2492, 237.1500

■ 21.2944, 20.4749,
24.3024

■ 21.2944, 20.4749,
24.3024

■ 19.3986, 17.2503,
21.9220

■ 23.4494, 24.1873,
26.8627

■ 17.7498, 14.4902,
19.7154

■ 25.8718, 28.4040,
29.6061

■ 16.3374, 12.1737,
17.6777

■ 28.5714, 33.1442,
32.5377

■ 15.1493, 10.2770,
15.8035

■ 31.5571, 38.4250,
35.6617

■ 14.1723, 8.7741,
14.0869

■ 34.8373, 44.2631,
38.9821

■ 13.3916, 7.6361,
12.5214

■ 38.4202, 50.6743,
42.5030

■ 12.7906, 6.8302,
11.1000

■ 42.3135, 57.6736,
46.2281

■ 12.3496, 6.3174,
9.8143

■ 46.5248, 65.2757,
50.1612

■ 12.0944, 6.0485,
8.9847

■ 51.0612, 73.4946,
54.3058

Harmonies

Analogous

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



20.6855, 20.4749, 26.8049



21.2944, 20.4749, 24.3024



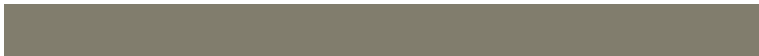
21.4032, 20.4749, 21.4472

Triad

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



21.2944, 20.4749, 24.3024



19.1629, 20.4749, 17.3284



18.0185, 20.4749, 25.9097

Complementary

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



21.2944, 20.4749, 24.3024



20.6657, 23.7028, 23.5657

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.



17.6395, 20.4749, 23.1622



21.2944, 20.4749, 24.3024



18.2854, 20.4749, 18.3194

Square

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



21.2944, 20.4749, 24.3024



20.1501, 20.4749, 17.5773



17.7356, 20.4749, 20.3988



18.7874, 20.4749, 27.7862

Rectangle

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



21.2944, 20.4749, 24.3024



21.1741, 20.4749, 19.7488



17.7356, 20.4749, 20.3988



17.8425, 20.4749, 25.0484

Sweetspot

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



21.2950, 20.4758, 24.3028



40.9151, 41.9099, 46.8637



20.0422, 19.7733, 26.8053



9.1170, 9.2964, 10.4413



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



21.2950, 20.4758, 24.3028



36.3832, 34.1223, 41.4181



20.7175, 20.2448, 21.2616



5.1528, 5.0966, 5.8931



11.0960, 5.5485, 8.2759



0.0809, 0.0397, 0.0929

Inverse Universe

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



21.2950, 20.4758, 24.3028



36.3832, 34.1223, 41.4181



21.2717, 23.9452, 26.7564



5.1528, 5.0966, 5.8931



11.0960, 5.5485, 8.2759



0.0809, 0.0397, 0.0929

Previews

White Background



This preview shows how the XYZ color 21.2944, 20.4749, 24.3024 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 21.2944, 20.4749, 24.3024 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 21.2944, 20.4749, 24.3024

Background



This preview shows how black text looks on a background with the XYZ color 21.2944, 20.4749, 24.3024.



This preview shows how white text looks on a background with the XYZ color 21.2944, 20.4749,

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

21.2944, 20.4749, 24.3024

Protanopia

19.9682, 20.4965, 25.4580

Deuteranopia

20.9258, 20.4643, 24.3198



Tritanopia

21.2270, 20.4479, 23.9472

Trichromacy



Original Color

21.2944, 20.4749, 24.3024

Protanomaly

20.5225, 20.6052, 25.0858

Deuteranomaly

21.0874, 20.5477, 24.3274

Tritanomaly

21.2270, 20.4479, 23.9472

Monochromacy



Original Color

21.2944, 20.4749, 24.3024

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

20.4640, 20.7991, 23.3581

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.2944, 20.4749, 24.3024 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(138, 120, 131) looks like.

```
.text, #text, p{  
    color:rgb(138, 120, 131)  
}
```

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(138, 120, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 120, 131) }
```

Border

The CSS property to change the border of an element to XYZ 21.2944, 20.4749, 24.3024 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(138, 120, 131) }
```


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

```
.border{ border-color:rgb(138, 120, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 120, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 120, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 120, 131);  
box-shadow:4px 4px 4px 4px rgb(138, 120,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 21.2944, 20.4749, 24.3024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 120, 131) }
```

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

```
.background{ background-color: rgb(138,  
120, 131) }
```

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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