

Converting Colors

XYZ(21.5957, 23.8388, 27.0376)

Have a look what the booklet for
XYZ(21.5957, 23.8388, 27.0376)
contains.

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Color

**XYZ(21.6294, 23.9084,
27.1417)**

Conversions

Conversions Part 1

Format	Color
Hex	7B8989
RGB	123, 137, 137
RGB Percent	48%, 54%, 54%
CMY	0.5176, 0.4627, 0.4627
CMYK	0.10, 0.00, 0.00, 0.46
HSL	180°, 6%, 51%
HSV	180°, 10%, 54%
XYZ	21.6294, 23.9084, 27.1417
YIQ	132.8140, -8.3440, -2.9680

Conversions

Conversions Part 2

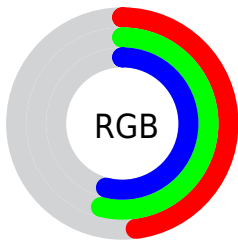
Format	Color
R_{YB}	123, 130, 137
Decimal	8096137
CIE _{Lab}	56.00, -5.07, -1.74
CIE _{LCh}	56, 5.356, 198.946
Yxy	23.9084, 0.2976, 0.3290
Android (android.graphics.Color)	4286286217 (0xFF7B8989)
YUV	132.8140, 2.0637, -8.6069
Hunter-Lab	48.8962, -6.6083, 1.3162

Details

The XYZ color **21.6294, 23.9084, 27.1417** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **20.9755, 20.9150, 21.6715**, and the grayscale version is **22.2221, 23.3794, 25.4602**.

A 20% lighter version of the original color is **45.6122, 49.7747, 55.9187**, and **7.9525, 8.9604, 10.3272** is the 20% darker color. If you saturate the color by 10%, you get **19.8051, 22.9686, 27.0561**, and if you desaturate by 10%, it is **23.7293, 24.9916, 27.2412**.

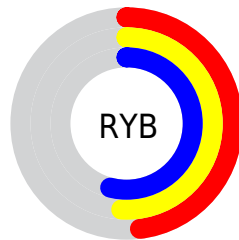
Distribution



Red (48%)

Green (54%)

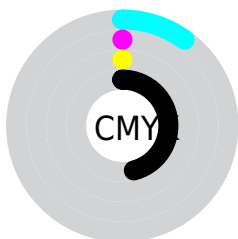
Blue (54%)



Red (48%)

Yellow (51%)

Blue (54%)

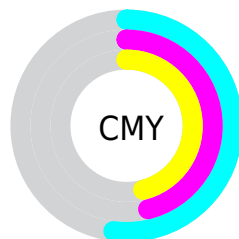


Cyan (10%)

Magenta (0%)

Yellow (0%)

Black (46%)



Cyan (52%)

Magenta (46%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.6294, 23.9084, 27.1417 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 21.6294, 23.9084, 27.1417 by changing the saturation by 10% instead.

■ 21.6294, 23.9084,
27.1417

■ 21.6294, 23.9084,
27.1417

253.2737,
272.3571, 302.1244

■ 13.6999, 15.2657,
17.4463

■ 45.6161, 49.8807,
56.1177

■ 7.9926, 9.0061,
10.3879

■ 62.4041, 67.9790,
76.2353

■ 4.1419, 4.7451,
5.5479

■ 82.8756, 89.9981,
100.6641

■ 1.7828, 2.0985,
2.5079

107.3960,
116.3222, 129.8226

■ 0.5072, 0.6638,
0.8443

136.3307,
147.3357, 164.1293

■ 0.0000, 0.0000,
0.0000

170.0449,

183.4231, 204.0029

208.9041,
224.9688, 249.8617

■ 21.6294, 23.9084,
27.1417

■ 21.6294, 23.9084,
27.1417

■ 19.8051, 22.9686,
27.0561

■ 23.7293, 24.9916,
27.2412

■ 18.2432, 22.1634,
26.9822

■ 26.1136, 26.2207,
27.3535

■ 16.9321, 21.4876,
26.9201

■ 28.7929, 27.6019,
27.4797

■ 15.8588, 20.9343,
26.8692

■ 31.7769, 29.1402,
27.6201

■ 15.0091, 20.4962,
26.8286

■ 35.0748, 30.8403,
27.7752

■ 14.3671, 20.1653,
26.7978

■ 38.6953, 32.7067,
27.9454

■ 13.9151, 19.9323,
26.7759

■ 42.6469, 34.7438,
28.1310

■ 13.6323, 19.7865,
26.7620

■ 46.9377, 36.9558,
28.3326

■ 13.4602, 19.6978,
26.7532

■ 51.5756, 39.3467,
28.5504

Harmonies

Analogous

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



21.5889, 23.9084, 25.3914



21.6294, 23.9084, 27.1417



21.9602, 23.9084, 28.6569

Triad

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



21.6294, 23.9084, 27.1417



23.6231, 23.9084, 28.3086



22.9506, 23.9084, 22.8630

Complementary

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



21.6294, 23.9084, 27.1417



20.9755, 20.9150, 21.6715

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.



23.5058, 23.9084, 23.5728



21.6294, 23.9084, 27.1417



23.8987, 23.9084, 26.6836

Square

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



21.6294, 23.9084, 27.1417



23.1084, 23.9084, 29.3512



23.8554, 23.9084, 24.9533



22.3443, 23.9084, 22.9733

Rectangle

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



21.6294, 23.9084, 27.1417



22.3041, 23.9084, 29.3054



23.8554, 23.9084, 24.9533



23.1495, 23.9084, 23.0123

Sweetspot

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



21.6301, 23.9094, 27.1422



41.3718, 44.1754, 48.7289



20.7233, 23.5506, 22.1928



9.2152, 9.8752, 10.9266



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.



21.6301, 23.9094, 27.1422



38.0262, 42.4506, 48.5711



20.6981, 22.0453, 26.8323



5.1728, 5.6886, 6.4311



12.5376, 18.3476, 24.9194



0.0833, 0.1219, 0.1656

Inverse Universe

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



20.9755, 20.9150, 21.6715



36.6385, 36.1024, 36.9729



21.8442, 22.6525, 21.9604



5.0329, 5.0486, 5.2618



9.6099, 4.9541, 0.4503



0.0638, 0.0329, 0.0030

Previews

White Background



This preview shows how the XYZ color 21.6294, 23.9084, 27.1417 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 21.6294, 23.9084, 27.1417 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

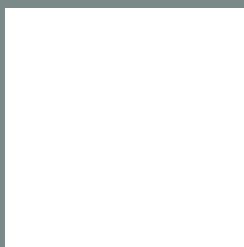
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.6294, 23.9084, 27.1417

Background



This preview shows how black text looks on a background with the XYZ color 21.6294, 23.9084, 27.1417.



This preview shows how white text looks on a background with the XYZ color 21.6294, 23.9084,

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

21.6294, 23.9084, 27.1417

Protanopia

22.9140, 23.7586, 26.2998

Deuteranopia

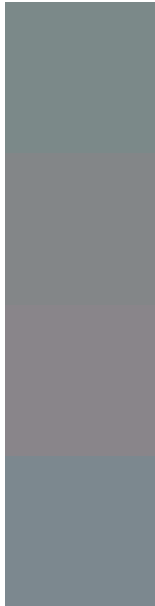
24.2471, 23.8200, 27.3645



Tritanopia

22.4499, 24.0436, 30.6518

Trichromacy



Original Color

21.6294, 23.9084, 27.1417

Protanomaly

22.3291, 23.6531, 26.6812

Deuteranomaly

23.2915, 23.9284, 27.4358

Tritanomaly

22.0743, 23.8766, 29.4318

Monochromacy



Original Color

21.6294, 23.9084, 27.1417

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

21.8814, 23.4386, 25.9251

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.6294, 23.9084, 27.1417 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(123, 137, 137)` looks like.

```
.text, #text, p{  
    color:rgb(123, 137, 137)  
}
```

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(123, 137, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 137, 137) }
```

Border

The CSS property to change the border of an element to XYZ 21.6294, 23.9084, 27.1417 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(123, 137, 137) }
```


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

```
.border{ border-color:rgb(123, 137, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 137, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 137, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 137, 137);  
box-shadow:4px 4px 4px 4px rgb(123, 137,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 21.6294, 23.9084, 27.1417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 137, 137) }
```

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

```
.background{ background-color: rgb(123,  
137, 137) }
```

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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