

Converting Colors

XYZ(23.9035, 24.5545, 21.4713)

Have a look what the booklet for
XYZ(23.9035, 24.5545, 21.4713)
contains.

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Color

**XYZ(24.0089, 24.6337,
21.5785)**

Conversions

Conversions Part 1

Format	Color
Hex	938679
RGB	147, 134, 121
RGB Percent	58%, 53%, 47%
CMY	0.4235, 0.4745, 0.5255
CMYK	0.00, 0.09, 0.18, 0.42
HSL	30°, 11%, 53%
HSV	30°, 18%, 58%
XYZ	24.0089, 24.6337, 21.5785
YIQ	136.4050, 11.9210, -1.2870

Conversions

Conversions Part 2

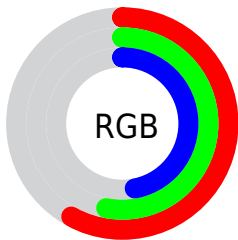
Format	Color
R_{YB}	147, 147, 121
Decimal	9668217
CIE _{Lab}	56.72, 2.63, 8.77
CIE _{LCh}	57, 9.156, 73.279
Yxy	24.6337, 0.3419, 0.3508
Android (android.graphics.Color)	4287858297 (0xFF938679)
YUV	136.4050, -7.5947, 9.2918
Hunter-Lab	49.6323, -0.5099, 8.9653

Details

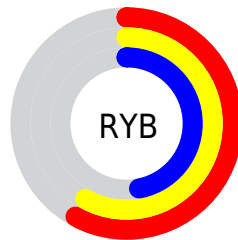
The XYZ color **24.0089, 24.6337, 21.5785** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **21.6766, 23.2212, 30.9436**, and the grayscale version is **23.5787, 24.8066, 27.0144**.

A 20% lighter version of the original color is **49.4005, 50.9753, 46.7707**, and **9.1639, 9.2953, 7.4421** is the 20% darker color. If you saturate the color by 10%, you get **22.1948, 22.3398, 16.8601**, and if you desaturate by 10%, it is **26.0323, 27.1259, 27.0451**.

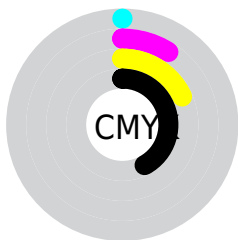
Distribution



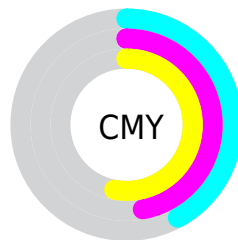
- Red (58%)
- Green (53%)
- Blue (47%)



- Red (58%)
- Yellow (58%)
- Blue (47%)



- Cyan (0%)
- Magenta (9%)
- Yellow (18%)
- Black (42%)



- Cyan (42%)
- Magenta (47%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.0089, 24.6337, 21.5785 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 24.0089, 24.6337, 21.5785 by changing the saturation by 10% instead.

■ 24.0089, 24.6337,
21.5785

■ 24.0089, 24.6337,
21.5785

265.3051,
276.0088, 273.2184

■ 15.4650, 15.8044,
13.3522

■ 49.4993, 51.0624,
46.9416

■ 9.2348, 9.3858,
7.5379

■ 67.1765, 69.4305,
64.9154

■ 4.9530, 4.9937,
3.7172

■ 88.6288, 91.7469,
86.9755

■ 2.2542, 2.2436,
1.4715

114.2217,
118.3962, 113.5403

■ 0.7711, 0.7436,
0.1966

144.3204,
149.7626, 145.0285

■ 0.0000, 0.0000,
0.0000

179.2903,

186.2306, 181.8586

219.4967,
228.1845, 224.4490

■ 24.0089, 24.6337,
21.5785

■ 24.0089, 24.6337,
21.5785

■ 22.1948, 22.3398,
16.8601

■ 26.0323, 27.1259,
27.0451

■ 20.5805, 20.2357,
12.8551

■ 28.2702, 29.8182,
33.2893

■ 19.1584, 18.3167,
9.5286

■ 30.7301, 32.7167,
40.3409

■ 17.9197, 16.5770,
6.8416

■ 33.4185, 35.8259,
48.2276

■ 16.8549, 15.0103,
4.7515

■ 36.3416, 39.1504,
56.9759

■ 15.9533, 13.6095,
3.2103

■ 39.5053, 42.6946,
66.6111

■ 15.2028, 12.3673,
2.1624

■ 42.9155, 46.4628,
77.1572

■ 14.5821, 11.2722,
1.5048

■ 46.5775, 50.4589,
88.6376

■ 14.4494, 11.0364,
1.3687

■ 50.4969, 54.6871,
101.0746

Harmonies

Analogous

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



24.9394, 24.6337, 22.9917



24.0089, 24.6337, 21.5785



22.9454, 24.6337, 21.4996

Triad

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



24.0089, 24.6337, 21.5785



21.4729, 24.6337, 28.1944



24.8486, 24.6337, 31.3315

Complementary

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



24.0089, 24.6337, 21.5785



21.6766, 23.2212, 30.9436

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.



23.8881, 24.6337, 32.9572



24.0089, 24.6337, 21.5785



21.9514, 24.6337, 31.0555

Square

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



24.0089, 24.6337, 21.5785



21.5030, 24.6337, 25.1665



22.8282, 24.6337, 32.8526



25.4342, 24.6337, 28.5483

Rectangle

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



24.0089, 24.6337, 21.5785



22.3057, 24.6337, 22.2031



22.8282, 24.6337, 32.8526



24.5576, 24.6337, 32.0406

Sweetspot

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



24.0096, 24.6348, 21.5790



47.6181, 49.7894, 51.1874



23.1733, 21.5993, 25.5022



10.8133, 11.2970, 11.5276



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.



24.0096, 24.6348, 21.5790



41.7375, 42.5374, 35.3262



25.9178, 28.4512, 22.2151



6.0260, 6.2659, 6.1323



12.5515, 9.6174, 1.1948



0.1830, 0.1766, 0.0244

Inverse Universe

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



21.6766, 23.2212, 30.9436



36.8042, 39.5482, 55.1284



19.9893, 19.8466, 30.3812



5.7246, 6.0832, 7.3422



6.6837, 6.0622, 24.7489



0.1112, 0.1330, 0.3127

Previews

White Background



This preview shows how the XYZ color 24.0089, 24.6337, 21.5785 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 24.0089, 24.6337, 21.5785 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

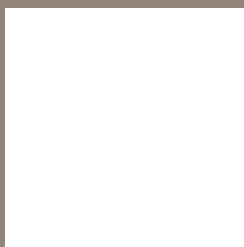
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.0089, 24.6337, 21.5785

Background



This preview shows how black text looks on a background with the XYZ color 24.0089, 24.6337, 21.5785.



This preview shows how white text looks on a background with the XYZ color 24.0089, 24.6337,

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

24.0089, 24.6337, 21.5785

Protanopia

23.4723, 24.7642, 21.9552

Deuteranopia

25.1467, 24.6063, 21.8365



Tritanopia

25.5017, 24.6397, 28.6112

Trichromacy



Original Color

24.0089, 24.6337, 21.5785

Protanomaly

23.6784, 24.6624, 21.9247

Deuteranomaly

24.7130, 24.5831, 21.8548

Tritanomaly

24.9488, 24.6133, 25.9902

Monochromacy



Original Color

24.0089, 24.6337, 21.5785

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

23.5759, 24.5421, 24.9672

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.0089, 24.6337, 21.5785 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, 134, 121)` looks like.

```
.text, #text, p{  
    color:rgb(147, 134, 121)  
}
```

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, 134, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 134, 121) }
```

Border

The CSS property to change the border of an element to XYZ 24.0089, 24.6337, 21.5785 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, 134, 121) }
```


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

```
.border{ border-color:rgb(147, 134, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 134, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 134, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 134, 121);  
box-shadow:4px 4px 4px 4px rgb(147, 134,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 24.0089, 24.6337, 21.5785 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 134, 121) }
```

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

```
.background{ background-color: rgb(147,  
134, 121) }
```

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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