

Converting Colors

XYZ(23.6712, 25.7747, 21.8451)

Have a look what the booklet for
XYZ(23.6712, 25.7747, 21.8451)
contains.

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Color

**XYZ(23.6445, 25.7121,
21.8059)**

Conversions

Conversions Part 1

Format	Color
Hex	8C8C79
RGB	140, 140, 121
RGB Percent	55%, 55%, 47%
CMY	0.4510, 0.4510, 0.5255
CMYK	0.00, 0.00, 0.14, 0.45
HSL	60°, 8%, 51%
HSV	60°, 14%, 55%
XYZ	23.6445, 25.7121, 21.8059
YIQ	137.8340, 6.0990, -5.9090

Conversions

Conversions Part 2

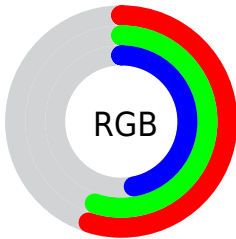
Format	Color
R_{YB}	121, 140, 121
Decimal	9211001
CIE _{Lab}	57.76, -3.48, 10.16
CIE _{LCh}	58, 10.744, 108.909
Yxy	25.7121, 0.3323, 0.3613
Android (android.graphics.Color)	4287401081 (0xFF8C8C79)
YUV	137.8340, -8.2992, 1.8996
Hunter-Lab	50.7071, -5.5037, 9.9981

Details

The XYZ color **23.6445, 25.7121, 21.8059** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **19.4572, 19.6338, 27.5766**, and the grayscale version is **24.1238, 25.3801, 27.6389**.

A 20% lighter version of the original color is **49.0827, 53.0700, 47.1918**, and **9.0423, 9.9539, 7.5756** is the 20% darker color. If you saturate the color by 10%, you get **22.8474, 25.3941, 17.6075**, and if you desaturate by 10%, it is **24.5676, 26.0822, 26.6618**.

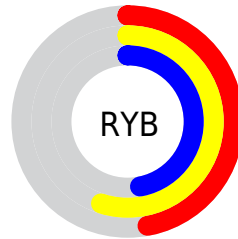
Distribution



Red (55%)

Green (55%)

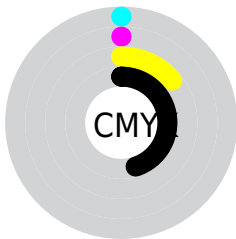
Blue (47%)



Red (47%)

Yellow (55%)

Blue (47%)

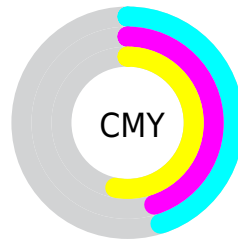


Cyan (0%)

Magenta (0%)

Yellow (14%)

Black (45%)



Cyan (45%)

Magenta (45%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.6445, 25.7121, 21.8059 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 23.6445, 25.7121, 21.8059 by changing the saturation by 10% instead.

■ 23.6445, 25.7121,
21.8059

■ 23.6445, 25.7121,
21.8059

263.4922,
281.3659, 274.4513

■ 15.1934, 16.6084,
13.5174

■ 48.9084, 52.8101,
47.3231

■ 9.0424, 9.9557,
7.6509

■ 66.4519, 71.5732,
65.3888

■ 4.8262, 5.3696,
3.7878

■ 87.7569, 94.3249,
87.5507

■ 2.1794, 2.4657,
1.5097

113.1888,
121.4496, 114.2272

■ 0.7318, 0.8594,
0.2251

143.1129,
153.3316, 145.8371

■ 0.0000, 0.0000,
0.0000

177.8946,

190.3554, 182.7986

217.8992,
232.9054, 225.5306

■ 23.6445, 25.7121,
21.8059

■ 23.6445, 25.7121,
21.8059

■ 22.8474, 25.3941,
17.6075

■ 24.5676, 26.0822,
26.6618

■ 22.1690, 25.1227,
14.0368

■ 25.6196, 26.5031,
32.1999

■ 21.6041, 24.8967,
11.0640

■ 26.8061, 26.9777,
38.4458

■ 21.1465, 24.7136,
8.6566

■ 28.1315, 27.5079,
45.4232

■ 20.7896, 24.5708,
6.7788

■ 29.6001, 28.0954,
53.1548

■ 20.5256, 24.4651,
5.3906

■ 31.2160, 28.7418,
61.6622

■ 20.3459, 24.3932,
4.4466

■ 32.9832, 29.4488,
70.9662

■ 20.2402, 24.3509,
3.8918

■ 34.9055, 30.2177,
81.0867

■ 20.1907, 24.3310,
3.6322

■ 36.9865, 31.0501,
92.0432

Harmonies

Analogous

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



24.9183, 25.7121, 21.5947



23.6445, 25.7121, 21.8059



22.6186, 25.7121, 23.5868

Triad

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



23.6445, 25.7121, 21.8059



22.8461, 25.7121, 33.6912



26.9513, 25.7121, 29.3834

Complementary

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



23.6445, 25.7121, 21.8059



19.4572, 19.6338, 27.5766

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.



26.3537, 25.7121, 32.9233



23.6445, 25.7121, 21.8059



23.9651, 25.7121, 35.5520

Square

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



23.6445, 25.7121, 21.8059



22.1689, 25.7121, 30.3589



25.2502, 25.7121, 35.2592



26.8581, 25.7121, 25.7592

Rectangle

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



23.6445, 25.7121, 21.8059



22.1992, 25.7121, 25.5197



25.2502, 25.7121, 35.2592



26.8237, 25.7121, 30.6278

Sweetspot

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



23.6452, 25.7132, 21.8065



43.2228, 45.9463, 46.5368



21.1046, 20.6313, 20.9594



9.9323, 10.5762, 10.5798



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.



23.6452, 25.7132, 21.8065



41.2750, 45.1670, 36.2837



22.1131, 24.9234, 21.7347



5.4310, 5.8449, 5.3943



17.9394, 21.6181, 3.2272



0.1192, 0.1436, 0.0214

Inverse Universe

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



19.4572, 19.6338, 27.5766



32.5523, 32.5051, 48.3014



20.8546, 20.3542, 27.6419



4.7747, 4.8923, 6.2985



4.2063, 1.6826, 22.1488



0.0280, 0.0112, 0.1471

Previews

White Background



This preview shows how the XYZ color 23.6445, 25.7121, 21.8059 looks on a white background.

Color Contrast Check

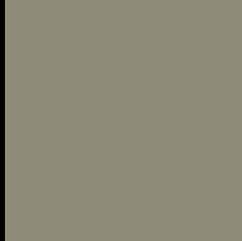
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.6445, 25.7121, 21.8059 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

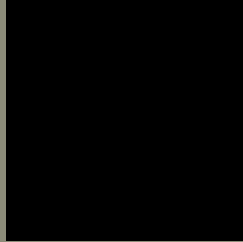
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

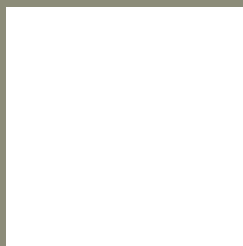
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.6445, 25.7121, 21.8059

Background



This preview shows how black text looks on a background with the XYZ color 23.6445, 25.7121, 21.8059.



This preview shows how white text looks on a background with the XYZ color 23.6445, 25.7121,

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

23.6445, 25.7121, 21.8059

Protanopia

24.1557, 25.5528, 21.4283

Deuteranopia

26.1385, 25.7244, 22.0000



Tritanopia

25.5722, 25.6442, 31.2058

Trichromacy



Original Color

23.6445, 25.7121, 21.8059

Protanomaly

23.9505, 25.6609, 21.4600

Deuteranomaly

25.0795, 25.5928, 22.0304

Tritanomaly

24.8608, 25.5659, 27.6692

Monochromacy



Original Color

23.6445, 25.7121, 21.8059

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

24.0449, 25.6201, 25.5077

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.6445, 25.7121, 21.8059 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(140, 140, 121)` looks like.

```
.text, #text, p{  
    color:rgb(140, 140, 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(140, 140, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 140, 121) }
```

Border

The CSS property to change the border of an element to XYZ 23.6445, 25.7121, 21.8059 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(140, 140, 121) }
```


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

```
.border{ border-color:rgb(140, 140, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 140, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 140, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 140, 121);  
box-shadow:4px 4px 4px 4px rgb(140, 140,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 23.6445, 25.7121, 21.8059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 140, 121) }
```

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

```
.background{ background-color: rgb(140,  
140, 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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