

Converting Colors

XYZ(23.6475, 24.5026, 26.9739)

Have a look what the booklet for
XYZ(23.6475, 24.5026, 26.9739)
contains.

XYZ(23.6606, 24.5374, 27.1560)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(23.6606, 24.5374,
27.1560)**

Conversions

Conversions Part 1

Format	Color
Hex	8A8789
RGB	138, 135, 137
RGB Percent	54%, 53%, 54%
CMY	0.4588, 0.4706, 0.4627
CMYK	0.00, 0.02, 0.01, 0.46
HSL	320°, 1%, 54%
HSV	320°, 2%, 54%
XYZ	23.6606, 24.5374, 27.1560
YIQ	136.1250, 1.1460, 1.2580

Conversions

Conversions Part 2

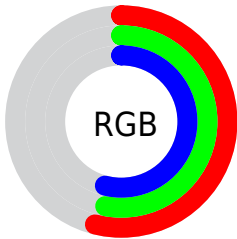
Format	Color
R_{YB}	138, 135, 137
Decimal	9078665
CIE Lab	56.62, 1.51, -0.68
CIE LCh	57, 1.654, 335.656
Yxy	24.5374, 0.3140, 0.3256
Android (android.graphics.Color)	4287268745 (0xFF8A8789)
YUV	136.1250, 0.4314, 1.6444
Hunter-Lab	49.5352, -1.4258, 2.1710

Details

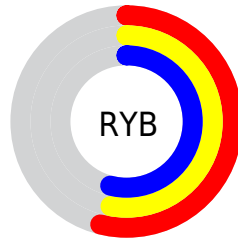
The XYZ color **23.6606, 24.5374, 27.1560** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.5251, 25.1062, 26.9000**, and the grayscale version is **23.4473, 24.6684, 26.8639**.

A 20% lighter version of the original color is **48.7633, 50.7605, 55.9429**, and **8.9933, 9.2598, 10.3302** is the 20% darker color. If you saturate the color by 10%, you get **21.5355, 20.8044, 24.8527**, and if you desaturate by 10%, it is **26.0508, 28.7773, 29.6179**.

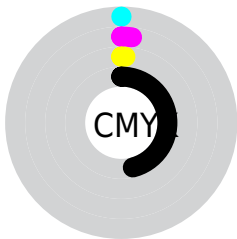
Distribution



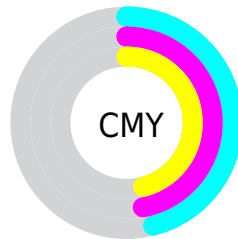
- Red (54%)
- Green (53%)
- Blue (54%)



- Red (54%)
- Yellow (53%)
- Blue (54%)



- Cyan (0%)
- Magenta (2%)
- Yellow (1%)
- Black (46%)



- Cyan (46%)
- Magenta (47%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.6606, 24.5374, 27.1560 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 23.6606, 24.5374, 27.1560 by changing the saturation by 10% instead.

■ 23.6606, 24.5374,
27.1560

■ 23.6606, 24.5374,
27.1560

263.5725,
275.5263, 302.1957

■ 15.2054, 15.7327,
17.4569

■ 48.9345, 50.9058,
56.1409

■ 9.0509, 9.3352,
10.3954

■ 66.4839, 69.2382,
76.2638

■ 4.8318, 4.9605,
5.5529

■ 87.7955, 91.5154,
100.6984

■ 2.1826, 2.2241,
2.5108

113.2345,
118.1218, 129.8632

■ 0.7336, 0.7331,
0.8459

143.1664,
149.4416, 164.1768

■ 0.0000, 0.0000,
0.0000

177.9564,

185.8594, 204.0577

217.9700,
227.7595, 249.9245

■ 23.6606, 24.5374,
27.1560

■ 23.6606, 24.5374,
27.1560

■ 21.5355, 20.8044,
24.8527

■ 26.0508, 28.7773,
29.6179

■ 19.6638, 17.5561,
22.7022

■ 28.7131, 33.5391,
32.2406

■ 18.0357, 14.7731,
20.7008

■ 31.6570, 38.8410,
35.0285

■ 16.6403, 12.4337,
18.8439

■ 34.8909, 44.6994,
37.9850

■ 15.4657, 10.5145,
17.1266

■ 38.4227, 51.1300,
41.1137

■ 14.4988, 8.9896,
15.5437

■ 42.2601, 58.1479,
44.4179

■ 13.7252, 7.8306,
14.0895

■ 46.4104, 65.7675,
47.9009

■ 13.1286, 7.0050,
12.7574

■ 50.8808, 74.0030,
51.5657

■ 12.6897, 6.4746,
11.5401

■ 54.3222, 80.1557,
54.9635

Harmonies

Analogous

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



23.5383, 24.5374, 27.5868



23.6606, 24.5374, 27.1560



23.6920, 24.5374, 26.6128

Triad

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



23.6606, 24.5374, 27.1560



23.2856, 24.5374, 25.6770



23.0229, 24.5374, 27.3392

Complementary

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



23.6606, 24.5374, 27.1560



23.5251, 25.1062, 26.9000

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.



22.9560, 24.5374, 26.8216



23.6606, 24.5374, 27.1560



23.1072, 24.5374, 25.8657

Square

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



23.6606, 24.5374, 27.1560



23.4748, 24.5374, 25.7637



22.9868, 24.5374, 26.2829



23.1700, 24.5374, 27.6936

Rectangle

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



23.6606, 24.5374, 27.1560



23.6570, 24.5374, 26.2611



22.9868, 24.5374, 26.2829



22.9903, 24.5374, 27.1782

Sweetspot

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



23.6613, 24.5385, 27.1565



42.1672, 44.0666, 48.3524



23.4058, 24.3984, 27.5209



9.4642, 9.8950, 10.8518



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.



23.6613, 24.5385, 27.1565



41.3537, 42.6299, 47.4940



23.5546, 24.4958, 26.5945



5.4387, 5.5839, 6.2490



11.3859, 5.6645, 9.8023



0.0825, 0.0404, 0.1010

Inverse Universe

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



23.6613, 24.5385, 27.1565



41.3537, 42.6299, 47.4940



23.6323, 25.1490, 27.4647



5.4387, 5.5839, 6.2490



11.3859, 5.6645, 9.8023



0.0825, 0.0404, 0.1010

Previews

White Background



This preview shows how the XYZ color 23.6606, 24.5374, 27.1560 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 23.6606, 24.5374, 27.1560 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 23.6606, 24.5374, 27.1560

Background



This preview shows how black text looks on a background with the XYZ color 23.6606, 24.5374, 27.1560.



This preview shows how white text looks on a background with the XYZ color 23.6606, 24.5374,

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

23.6606, 24.5374, 27.1560

Protanopia

23.6606, 24.5374, 27.1560

Deuteranopia

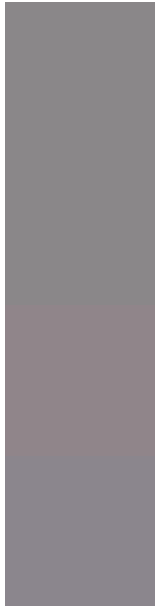
25.0515, 24.6334, 27.4791



Tritanopia

24.2066, 24.5528, 29.8489

Trichromacy



Original Color

23.6606, 24.5374, 27.1560

Protanomaly

23.6606, 24.5374, 27.1560

Deuteranomaly

24.4766, 24.5393, 27.4913

Tritanomaly

23.9803, 24.4622, 28.6571

Monochromacy



Original Color

23.6606, 24.5374, 27.1560

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

23.5646, 24.7043, 26.8190

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.6606, 24.5374, 27.1560 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, 135, 137) looks like.

```
.text, #text, p{  
    color:rgb(138, 135, 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(138, 135, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 135, 137) }
```

Border

The CSS property to change the border of an element to XYZ 23.6606, 24.5374, 27.1560 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, 135, 137) }
```


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

```
.border{ border-color:rgb(138, 135, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 135, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 135, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 135, 137);  
box-shadow:4px 4px 4px 4px rgb(138, 135,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 23.6606, 24.5374, 27.1560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 135, 137) }
```

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

```
.background{ background-color: rgb(138,  
135, 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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