

Converting Colors

XYZ(23.2667, 23.8748, 25.6596)

Have a look what the booklet for
XYZ(23.2667, 23.8748, 25.6596)
contains.

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Color

**XYZ(23.2686, 23.9575,
25.5882)**

Conversions

Conversions Part 1

Format	Color
Hex	8B8585
RGB	139, 133, 133
RGB Percent	55%, 52%, 52%
CMY	0.4549, 0.4784, 0.4784
CMYK	0.00, 0.04, 0.04, 0.45
HSL	0°, 3%, 53%
HSV	0°, 4%, 55%
XYZ	23.2686, 23.9575, 25.5882
YIQ	134.7940, 3.5760, 1.2720

Conversions

Conversions Part 2

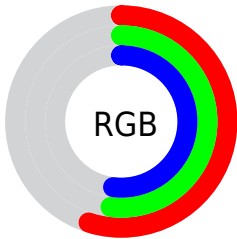
Format	Color
R_{YB}	139, 133, 133
Decimal	9143685
CIE Lab	56.05, 2.25, 0.79
CIE LCh	56, 2.383, 19.482
Yxy	23.9575, 0.3196, 0.3290
Android (android.graphics.Color)	4287333765 (0xFF8B8585)
YUV	134.7940, -0.8844, 3.6887
Hunter-Lab	48.9464, -0.7992, 3.2669

Details

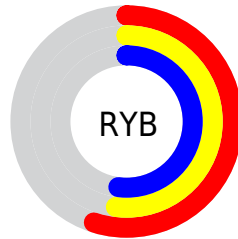
The XYZ color **23.2686, 23.9575, 25.5882** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.5656, 25.3154, 28.0706**, and the grayscale version is **22.9556, 24.1511, 26.3005**.

A 20% lighter version of the original color is **48.1601, 49.8694, 53.5418**, and **8.8904, 9.1046, 9.6763** is the 20% darker color. If you saturate the color by 10%, you get **20.5933, 20.0431, 20.2679**, and if you desaturate by 10%, it is **26.3241, 28.4281, 31.6628**.

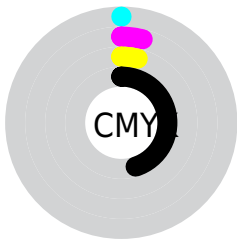
Distribution



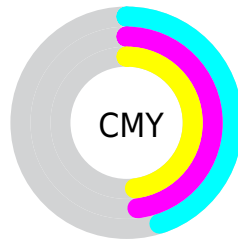
- Red (55%)
- Green (52%)
- Blue (52%)



- Red (55%)
- Yellow (52%)
- Blue (52%)



- Cyan (0%)
- Magenta (4%)
- Yellow (4%)
- Black (45%)



- Cyan (45%)
- Magenta (48%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.2686, 23.9575, 25.5882 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 23.2686, 23.9575, 25.5882 by changing the saturation by 10% instead.

■ 23.2686, 23.9575,
25.5882

■ 23.2686, 23.9575,
25.5882

261.6112,
272.6055, 294.2956

■ 14.9138, 15.3021,
16.2928

■ 48.2974, 49.9608,
53.5858

■ 8.8448, 9.0317,
9.5750

■ 65.7021, 68.0776,
73.1250

■ 4.6964, 4.7619,
5.0162

■ 86.8541, 90.1168,
96.9160

■ 2.1032, 2.1082,
2.1979

112.1187,
116.4631, 125.3773

■ 0.6909, 0.6692,
0.6731

141.8614,
147.5007, 158.9273

■ 0.0000, 0.0000,
0.0000

176.4475,

183.6140, 197.9847

216.2423,
225.1875, 242.9679

■ 23.2686, 23.9575,
25.5882

■ 23.2686, 23.9575,
25.5882

■ 20.5933, 20.0431,
20.2679

■ 26.3241, 28.4281,
31.6628

■ 18.2812, 16.6602,
15.6710

■ 29.7716, 33.4722,
38.5180

■ 16.3175, 13.7868,
11.7668

■ 33.6250, 39.1102,
46.1805

■ 14.6852, 11.3983,
8.5217

■ 37.8970, 45.3606,
54.6756

■ 13.3660, 9.4679,
5.8994

■ 42.5996, 52.2410,
64.0271

■ 12.3399, 7.9663,
3.8599

■ 47.7445, 59.7683,
74.2581

■ 11.5846, 6.8609,
2.3589

■ 53.3427, 67.9589,
85.3909

■ 11.0745, 6.1143,
1.3455

■ 59.4050, 76.8284,
97.4468

■ 10.7772, 5.6791,
0.7550

■ 64.4575, 84.2290,
107.4683

Harmonies

Analogous

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



23.2901, 23.9575, 26.3606



23.2686, 23.9575, 25.5882



23.1131, 23.9575, 24.9611

Triad

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



23.2686, 23.9575, 25.5882



22.3747, 23.9575, 25.1225



22.6753, 23.9575, 27.5895

Complementary

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



23.2686, 23.9575, 25.5882



23.5656, 25.3154, 28.0706

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.



22.4321, 23.9575, 27.2435



23.2686, 23.9575, 25.5882



22.2594, 23.9575, 25.8126

Square

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



23.2686, 23.9575, 25.5882



22.5965, 23.9575, 24.6959



22.2803, 23.9575, 26.5895



22.9461, 23.9575, 27.5265

Rectangle

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



23.2686, 23.9575, 25.5882



22.9551, 23.9575, 24.7049



22.2803, 23.9575, 26.5895



22.5877, 23.9575, 27.5169

Sweetspot

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



23.2693, 23.9585, 25.5887



43.3970, 45.4308, 49.2567



23.6954, 24.1284, 27.8347



10.0080, 10.4804, 11.3663



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.



23.2693, 23.9585, 25.5887



41.2667, 42.3138, 45.0209



23.6855, 24.7910, 25.7275



5.2639, 5.3867, 5.7208



9.6104, 4.9553, 0.4499



0.0639, 0.0330, 0.0030

Inverse Universe

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



23.5656, 25.3154, 28.0706



41.8916, 45.1751, 50.2547



23.1375, 24.4593, 27.9279



5.3497, 5.7797, 6.4395



12.5312, 18.3327, 24.9238



0.0833, 0.1218, 0.1656

Previews

White Background



This preview shows how the XYZ color 23.2686, 23.9575, 25.5882 looks on a white background.

Color Contrast Check

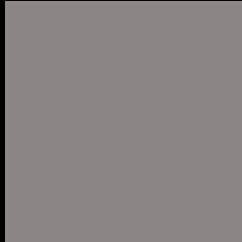
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.2686, 23.9575, 25.5882 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

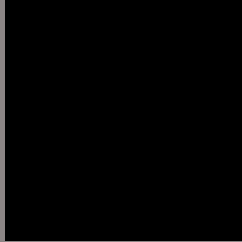
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 23.2686, 23.9575, 25.5882

Background



This preview shows how black text looks on a background with the XYZ color 23.2686, 23.9575, 25.5882.



This preview shows how white text looks on a background with the XYZ color 23.2686, 23.9575,

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

23.2686, 23.9575, 25.5882

Protanopia

23.0753, 24.0620, 25.6185

Deuteranopia

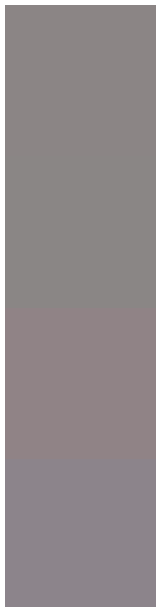
24.3183, 23.8895, 25.8837



Tritanopia

23.9490, 24.0310, 28.9674

Trichromacy



Original Color

23.2686, 23.9575, 25.5882

Protanomaly

23.2400, 24.1469, 25.6262

Deuteranomaly

23.9210, 23.8831, 25.9034

Tritanomaly

23.7267, 23.9421, 27.7968

Monochromacy



Original Color

23.2686, 23.9575, 25.5882

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

22.9815, 24.0057, 25.9766

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.2686, 23.9575, 25.5882 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(139, 133, 133)` looks like.

```
.text, #text, p{  
    color:rgb(139, 133, 133)  
}
```

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(139, 133, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 133, 133) }
```

Border

The CSS property to change the border of an element to XYZ 23.2686, 23.9575, 25.5882 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(139, 133, 133) }
```


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

```
.border{ border-color:rgb(139, 133, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 133, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 133, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 133, 133);  
box-shadow:4px 4px 4px 4px rgb(139, 133,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 23.2686, 23.9575, 25.5882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 133, 133) }
```

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

```
.background{ background-color: rgb(139,  
133, 133) }
```

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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