

Converting Colors

XYZ(23.3928, 26.6219, 25.1880)

Have a look what the booklet for
XYZ(23.3928, 26.6219, 25.1880)
contains.

XYZ(23.3606, 26.6083, 25.0238)	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(23.3606, 26.6083,
25.0238)**

Conversions

Conversions Part 1

Format	Color
Hex	829182
RGB	130, 145, 130
RGB Percent	51%, 57%, 51%
CMY	0.4902, 0.4314, 0.4902
CMYK	0.10, 0.00, 0.10, 0.43
HSL	120°, 6%, 54%
HSV	120°, 10%, 57%
XYZ	23.3606, 26.6083, 25.0238
YIQ	138.8050, -4.1250, -7.8450

Conversions

Conversions Part 2

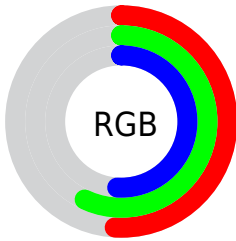
Format	Color
R_{YB}	130, 145, 145
Decimal	8556930
CIE _{Lab}	58.61, -8.40, 6.13
CIE _{LCh}	59, 10.397, 143.866
Yxy	26.6083, 0.3115, 0.3548
Android (android.graphics.Color)	4286747010 (0xFF829182)
YUV	138.8050, -4.3409, -7.7220
Hunter-Lab	51.5832, -9.4330, 7.3458

Details

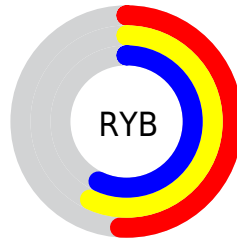
The XYZ color **23.3606, 26.6083, 25.0238** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.7715, 24.0300, 30.1220**, and the grayscale version is **24.4835, 25.7585, 28.0511**.

A 20% lighter version of the original color is **48.4991, 54.3330, 52.7309**, and **8.9708, 10.5278, 9.3438** is the 20% darker color. If you saturate the color by 10%, you get **20.3856, 25.1800, 20.1570**, and if you desaturate by 10%, it is **26.7877, 28.2553, 30.6289**.

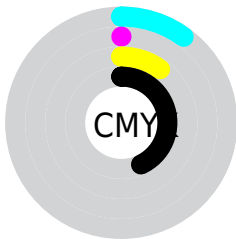
Distribution



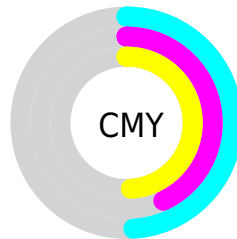
- Red (51%)
- Green (57%)
- Blue (51%)



- Red (51%)
- Yellow (57%)
- Blue (57%)



- Cyan (10%)
- Magenta (0%)
- Yellow (10%)
- Black (43%)



- Cyan (49%)
- Magenta (43%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.3606, 26.6083, 25.0238 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 23.3606, 26.6083, 25.0238 by changing the saturation by 10% instead.

■ 23.3606, 26.6083,
25.0238

■ 23.3606, 26.6083,
25.0238

262.0726,
285.7555, 291.4079

■ 14.9822, 17.2793,
15.8756

■ 48.4471, 54.2547,
52.6604

■ 8.8931, 10.4338,
9.2828

■ 65.8858, 73.3408,
71.9859

■ 4.7281, 5.6875,
4.8268

■ 87.0753, 96.4481,
95.5410

■ 2.1217, 2.6560,
2.0890

112.3811,
123.9609, 123.7441

■ 0.7010, 0.9549,
0.6092

142.1683,
156.2637, 157.0138

■ 0.0000, 0.0000,
0.0000

176.8024,

193.7408, 195.7686

216.6487,
236.7766, 240.4272

■ 23.3606, 26.6083,
25.0238

■ 23.3606, 26.6083,
25.0238

■ 20.3856, 25.1800,
20.1570

■ 26.7877, 28.2553,
30.6289

■ 17.8418, 23.9581,
15.9961

■ 30.6825, 30.1262,
36.9994

■ 15.7098, 22.9340,
12.5089

■ 35.0622, 32.2300,
44.1633

■ 13.9681, 22.0974,
9.6600

■ 39.9429, 34.5744,
52.1465

■ 12.5929, 21.4368,
7.4106

■ 45.3395, 37.1667,
60.9737

■ 11.5582, 20.9398,
5.7181

■ 51.2668, 40.0139,
70.6688

■ 10.8342, 20.5920,
4.5338

■ 57.7386, 43.1226,
81.2545

■ 10.3862, 20.3768,
3.8012

■ 64.7683, 46.4993,
92.7529

■ 10.1259, 20.2518,
3.3753

■ 69.4159, 48.7318,
100.3553

Harmonies

Analogous

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



24.3109, 26.6083, 23.0108



23.3606, 26.6083, 25.0238



22.9291, 26.6083, 28.2278

Triad

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



23.3606, 26.6083, 25.0238



25.0292, 26.6083, 36.5330



27.6005, 26.6083, 26.2215

Complementary

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



23.3606, 26.6083, 25.0238



24.7715, 24.0300, 30.1220

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.



27.8085, 26.6083, 29.7290



23.3606, 26.6083, 25.0238



26.2959, 26.6083, 35.8827

Square

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



23.3606, 26.6083, 25.0238



23.8714, 26.6083, 35.0240



27.3236, 26.6083, 33.3149



26.7645, 26.6083, 23.6606

Rectangle

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



23.3606, 26.6083, 25.0238



22.9829, 26.6083, 30.6883



27.3236, 26.6083, 33.3149



27.7473, 26.6083, 27.3207

Sweetspot

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



23.3613, 26.6094, 25.0244



46.2222, 49.7588, 51.9893



25.8329, 27.8836, 25.1400



10.1767, 11.0185, 11.3923



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



23.3613, 26.6094, 25.0244



40.7588, 47.1345, 43.0531



23.8835, 26.8183, 27.7739



5.3429, 6.0294, 5.7716



8.6849, 17.3698, 2.8950



0.0830, 0.1661, 0.0277

Inverse Universe

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



24.7715, 24.0300, 30.1220



43.7111, 41.7344, 53.7252



24.2119, 23.8062, 27.1752



5.6263, 5.5110, 6.7960



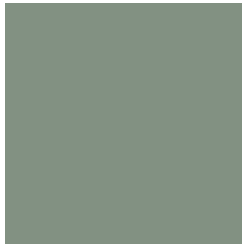
14.3995, 6.9168, 23.5529



0.1377, 0.0661, 0.2252

Previews

White Background



This preview shows how the XYZ color 23.3606, 26.6083, 25.0238 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 23.3606, 26.6083, 25.0238 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

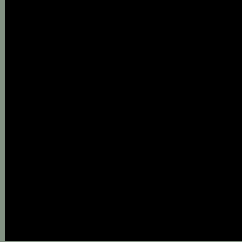
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 23.3606, 26.6083, 25.0238

Background



This preview shows how black text looks on a background with the XYZ color 23.3606, 26.6083, 25.0238.



This preview shows how white text looks on a background with the XYZ color 23.3606, 26.6083,

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

23.3606, 26.6083, 25.0238

Protanopia

25.0629, 26.3995, 23.8533

Deuteranopia

27.0696, 26.5434, 25.5265



Tritanopia

25.2543, 26.7142, 33.9623

Trichromacy



Original Color

23.3606, 26.6083, 25.0238

Protanomaly

24.3845, 26.4800, 24.2480

Deuteranomaly

25.5421, 26.3998, 25.2222

Tritanomaly

24.6062, 26.6758, 30.6401

Monochromacy



Original Color

23.3606, 26.6083, 25.0238

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

24.1222, 26.0616, 27.0516

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.3606, 26.6083, 25.0238 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(130, 145, 130)` looks like.

```
.text, #text, p{  
    color:rgb(130, 145, 130)  
}
```

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(130, 145, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 145, 130) }
```

Border

The CSS property to change the border of an element to XYZ 23.3606, 26.6083, 25.0238 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(130, 145, 130) }
```


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

```
.border{ border-color:rgb(130, 145, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 145, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 145, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 145, 130);  
box-shadow:4px 4px 4px 4px rgb(130, 145,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 23.3606, 26.6083, 25.0238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 145, 130) }
```

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

```
.background{ background-color: rgb(130,  
145, 130) }
```

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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