

Converting Colors

XYZ(23.6291, 25.8388, 20.5717)

Have a look what the booklet for
XYZ(23.6291, 25.8388, 20.5717)
contains.

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Color

**XYZ(23.5735, 25.7032,
20.5484)**

Conversions

Conversions Part 1

Format	Color
Hex	8D8C75
RGB	141, 140, 117
RGB Percent	55%, 55%, 46%
CMY	0.4471, 0.4510, 0.5412
CMYK	0.00, 0.01, 0.17, 0.45
HSL	58°, 10%, 51%
HSV	58°, 17%, 55%
XYZ	23.5735, 25.7032, 20.5484
YIQ	137.6770, 7.9790, -6.9410

Conversions

Conversions Part 2

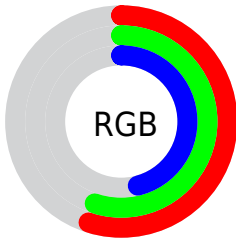
Format	Color
R_{YB}	118, 141, 117
Decimal	9276533
CIE _{Lab}	57.75, -3.76, 12.44
CIE _{LCh}	58, 12.999, 106.813
Yxy	25.7032, 0.3376, 0.3681
Android (android.graphics.Color)	4287466613 (0xFF8D8C75)
YUV	137.6770, -10.1938, 2.9143
Hunter-Lab	50.6983, -5.7239, 11.4582

Details

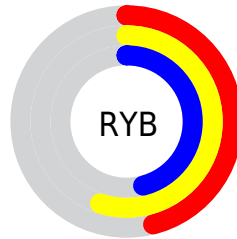
The XYZ color **23.5735, 25.7032, 20.5484** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **18.6223, 18.6617, 27.8202**, and the grayscale version is **24.0704, 25.3240, 27.5778**.

A 20% lighter version of the original color is **48.7371, 52.6066, 45.1215**, and **9.0447, 9.9661, 7.0772** is the 20% darker color. If you saturate the color by 10%, you get **22.7210, 25.2264, 16.4776**, and if you desaturate by 10%, it is **24.5527, 26.2331, 25.2782**.

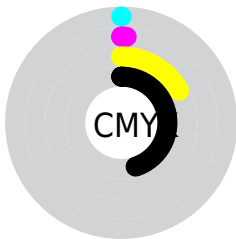
Distribution



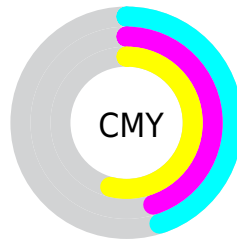
- Red (55%)
- Green (55%)
- Blue (46%)



- Red (46%)
- Yellow (55%)
- Blue (46%)



- Cyan (0%)
- Magenta (1%)
- Yellow (17%)
- Black (45%)



- Cyan (45%)
- Magenta (45%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.5735, 25.7032, 20.5484 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 23.5735, 25.7032, 20.5484 by changing the saturation by 10% instead.

■ 23.5735, 25.7032,
20.5484

■ 23.5735, 25.7032,
20.5484

263.1378,
281.3221, 267.5704

■ 15.1406, 16.6017,
12.6063

■ 48.7931, 52.7957,
45.2057

■ 9.0051, 9.9509,
7.0305

■ 66.3104, 71.5556,
62.7580

■ 4.8016, 5.3664,
3.4024

■ 87.5866, 94.3037,
84.3507

■ 2.1649, 2.4638,
1.3036

112.9870,
121.4245, 110.4025

■ 0.7241, 0.8584,
0.0647

142.8770,
153.3023, 141.3318

■ 0.0000, 0.0000,
0.0000

177.6218,

190.3216, 177.5572

217.5870,
232.8667, 219.4972

■ 23.5735, 25.7032,
20.5484

■ 23.5735, 25.7032,
20.5484

■ 22.7210, 25.2264,
16.4776

■ 24.5527, 26.2331,
25.2782

■ 21.9877, 24.7972,
13.0349

■ 25.6618, 26.8149,
30.6928

■ 21.3682, 24.4142,
10.1893

■ 26.9064, 27.4515,
36.8188

■ 20.8559, 24.0748,
7.9064

■ 28.2912, 28.1450,
43.6806

■ 20.4438, 23.7762,
6.1486

■ 29.8206, 28.8971,
51.3018

■ 20.1238, 23.5152,
4.8735

■ 31.4988, 29.7094,
59.7045

■ 19.8866, 23.2880,
4.0322

■ 33.3300, 30.5837,
68.9104

■ 19.7157, 23.0881,
3.5379

■ 35.3180, 31.5214,
78.9399

■ 19.6683, 23.0301,
3.4086

■ 37.4667, 32.5241,
89.8130

Harmonies

Analogous

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



25.1202, 25.7032, 20.4342



23.5735, 25.7032, 20.5484



22.3096, 25.7032, 22.5140

Triad

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



23.5735, 25.7032, 20.5484



22.4360, 25.7032, 34.7222



27.4656, 25.7032, 29.9903

Complementary

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



23.5735, 25.7032, 20.5484



18.6223, 18.6617, 27.8202

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.



26.6810, 25.7032, 34.2807



23.5735, 25.7032, 20.5484



23.7528, 25.7032, 37.2020

Square

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



23.5735, 25.7032, 20.5484



21.6722, 25.7032, 30.5431



25.3072, 25.7032, 37.0323



27.4126, 25.7032, 25.5766

Rectangle

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



23.5735, 25.7032, 20.5484



21.7776, 25.7032, 24.7414



25.3072, 25.7032, 37.0323



27.2897, 25.7032, 31.5035

Sweetspot

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



23.5742, 25.7043, 20.5489



44.3311, 47.1706, 47.0277



20.6281, 19.6985, 19.9173



9.8753, 10.5218, 10.3763



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.



23.5742, 25.7043, 20.5489



41.6716, 45.7300, 34.1849



21.9727, 25.0961, 20.5160



5.8206, 6.2475, 5.7885



17.9365, 21.0047, 3.1090



0.1753, 0.2085, 0.0310

Inverse Universe

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



18.6223, 18.6617, 27.8202



31.2747, 30.9433, 49.4522



20.0414, 19.2198, 27.8531



5.1465, 5.2887, 6.7783



4.4447, 1.8754, 23.1048



0.0454, 0.0237, 0.2219

Previews

White Background



This preview shows how the XYZ color 23.5735, 25.7032, 20.5484 looks on a white background.

Color Contrast Check

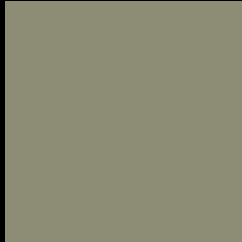
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.5735, 25.7032, 20.5484 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

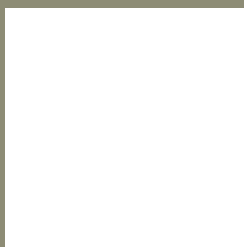
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.5735, 25.7032, 20.5484

Background



This preview shows how black text looks on a background with the XYZ color 23.5735, 25.7032, 20.5484.

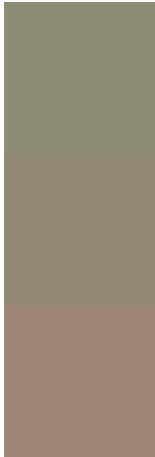


This preview shows how white text looks on a background with the XYZ color 23.5735, 25.7032,

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

23.5735, 25.7032, 20.5484

Protanopia

24.0949, 25.5489, 20.1845

Deuteranopia

25.9556, 25.4540, 20.6846



Tritanopia

25.7477, 25.7346, 31.2140

Trichromacy



Original Color

23.5735, 25.7032, 20.5484

Protanomaly

23.8866, 25.6555, 20.2160

Deuteranomaly

25.0231, 25.5917, 20.7604

Tritanomaly

24.8912, 25.5982, 26.9216

Monochromacy



Original Color

23.5735, 25.7032, 20.5484

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

23.9093, 25.5659, 24.7936

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.5735, 25.7032, 20.5484 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(141, 140, 117)` looks like.

```
.text, #text, p{  
    color:rgb(141, 140, 117)  
}
```

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(141, 140, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 140, 117) }
```

Border

The CSS property to change the border of an element to XYZ 23.5735, 25.7032, 20.5484 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(141, 140, 117) }
```


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

```
.border{ border-color:rgb(141, 140, 117) }
```

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

Here you see how a box with a 4 pixel rgb(141, 140, 117) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 140, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 140, 117);  
box-shadow:4px 4px 4px 4px rgb(141, 140,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 23.5735, 25.7032, 20.5484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 140, 117) }
```

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

```
.background{ background-color: rgb(141,  
140, 117) }
```

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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