

Converting Colors

XYZ(21.3358, 23.6543, 26.3472)

Have a look what the booklet for
XYZ(21.3358, 23.6543, 26.3472)
contains.

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Color

**XYZ(21.3457, 23.5685,
26.3458)**

Conversions

Conversions Part 1

Format	Color
Hex	7B8887
RGB	123, 136, 135
RGB Percent	48%, 53%, 53%
CMY	0.5176, 0.4667, 0.4706
CMYK	0.10, 0.00, 0.01, 0.47
HSL	175°, 5%, 51%
HSV	175°, 10%, 53%
XYZ	21.3457, 23.5685, 26.3458
YIQ	131.9990, -7.4270, -3.0670

Conversions

Conversions Part 2

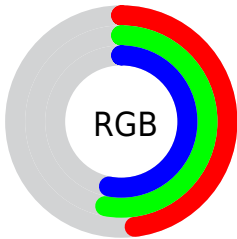
Format	Color
R_{YB}	123, 130, 136
Decimal	8095879
CIE _{Lab}	55.65, -4.93, -1.09
CIE _{LCh}	56, 5.047, 192.443
Yxy	23.5685, 0.2995, 0.3307
Android (android.graphics.Color)	4286285959 (0xFF7B8887)
YUV	131.9990, 1.4795, -7.8921
Hunter-Lab	48.5474, -6.4737, 1.8076

Details

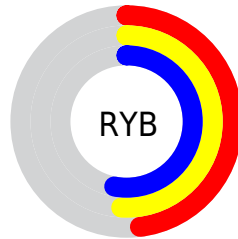
The XYZ color **21.3457, 23.5685, 26.3458** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **20.8752, 20.8560, 21.9952**, and the grayscale version is **21.9290, 23.0711, 25.1244**.

A 20% lighter version of the original color is **45.1792, 49.2561, 54.7031**, and **7.7915, 8.7673, 9.8759** is the 20% darker color. If you saturate the color by 10%, you get **19.4605, 22.6058, 25.8747**, and if you desaturate by 10%, it is **23.5033, 24.6729, 26.8344**.

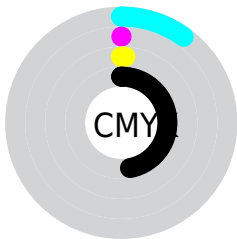
Distribution



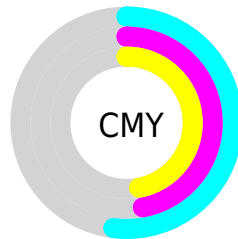
- Red (48%)
- Green (53%)
- Blue (53%)



- Red (48%)
- Yellow (51%)
- Blue (53%)



- Cyan (10%)
- Magenta (0%)
- Yellow (1%)
- Black (47%)



- Cyan (52%)
- Magenta (47%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.3457, 23.5685, 26.3458 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 21.3457, 23.5685, 26.3458 by changing the saturation by 10% instead.

■ 21.3457, 23.5685,
26.3458

■ 21.3457, 23.5685,
26.3458

251.8071,
270.6316, 298.1348

■ 13.4908, 15.0138,
16.8544

■ 45.1491, 49.3251,
54.8232

■ 7.8467, 8.8291,
9.9699

■ 61.8284, 67.2959,
74.6463

■ 4.0480, 4.6299,
5.2737

■ 82.1798, 89.1742,
98.7504

■ 1.7293, 2.0318,
2.3472

106.5688,
115.3443, 127.5541

■ 0.4745, 0.6258,
0.7575

135.3607,
146.1907, 161.4758

■ 0.0000, 0.0000,
0.0000

168.9208,

182.0978, 200.9341

207.6145,
223.4500, 246.3476

■ 21.3457, 23.5685,
26.3458

■ 21.3457, 23.5685,
26.3458

■ 19.4605, 22.6058,
25.8747

■ 23.5033, 24.6729,
26.8344

■ 17.8346, 21.7760,
25.4190

■ 25.9418, 25.9213,
27.3395

■ 16.4568, 21.0740,
24.9787

■ 28.6716, 27.3198,
27.8620

■ 15.3143, 20.4933,
24.5532

■ 31.7022, 28.8733,
28.4025

■ 14.3933, 20.0266,
24.1418

■ 35.0426, 30.5864,
28.9612

■ 13.6784, 19.6662,
23.7438

■ 38.7013, 32.4636,
29.5388

■ 13.1522, 19.4029,
23.3583

■ 42.6867, 34.5091,
30.1354

■ 12.7946, 19.2264,
22.9845

■ 47.0068, 36.7270,
30.7516

■ 12.5501, 19.1082,
22.6196

■ 51.6691, 39.1213,
31.3877

Harmonies

Analogous

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



21.3703, 23.5685, 24.7249



21.3457, 23.5685, 26.3458



21.6004, 23.5685, 27.8438

Triad

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



21.3457, 23.5685, 26.3458



23.1505, 23.5685, 28.0539



22.7341, 23.5685, 22.7785

Complementary

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



21.3457, 23.5685, 26.3458



20.8752, 20.8560, 21.9952

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.



23.2214, 23.5685, 23.5974



21.3457, 23.5685, 26.3458



23.4647, 23.5685, 26.6226

Square

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



21.3457, 23.5685, 26.3458



22.6386, 23.5685, 28.8578



23.4908, 23.5685, 24.9903



22.1653, 23.5685, 22.7115

Rectangle

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



21.3457, 23.5685, 26.3458



21.8969, 23.5685, 28.5528



23.4908, 23.5685, 24.9903



22.9131, 23.5685, 22.9733

Sweetspot

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



21.3464, 23.5695, 26.3463



40.0300, 42.7687, 46.9831



20.7042, 23.3306, 22.1513



9.2037, 9.8706, 10.8658



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.



21.3464, 23.5695, 26.3463



37.0261, 41.2324, 46.2863



20.6734, 22.1102, 26.4717



5.1565, 5.6821, 6.3451



11.8694, 18.0803, 21.4007



0.0811, 0.1210, 0.1542

Inverse Universe

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



20.8752, 20.8560, 21.9952



36.0609, 35.6732, 37.3721



21.5029, 22.2124, 21.8934



5.0475, 5.0544, 5.3386



9.6658, 4.9764, 0.7445



0.0660, 0.0338, 0.0143

Previews

White Background



This preview shows how the XYZ color 21.3457, 23.5685, 26.3458 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 21.3457, 23.5685, 26.3458 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

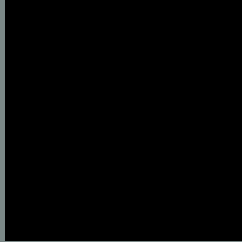
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

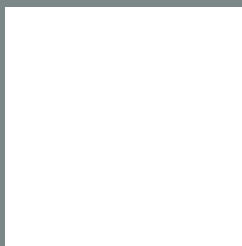
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.3457, 23.5685, 26.3458

Background



This preview shows how black text looks on a background with the XYZ color 21.3457, 23.5685, 26.3458.



This preview shows how white text looks on a background with the XYZ color 21.3457, 23.5685,

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

21.3457, 23.5685, 26.3458

Protanopia

22.4766, 23.3469, 25.5121

Deuteranopia

23.7958, 23.4074, 26.5565



Tritanopia

22.0934, 23.4545, 30.1508

Trichromacy



Original Color

21.3457, 23.5685, 26.3458

Protanomaly

22.0507, 23.3216, 25.8936

Deuteranomaly

22.8485, 23.5143, 26.6270

Tritanomaly

21.7839, 23.5361, 28.5941

Monochromacy



Original Color

21.3457, 23.5685, 26.3458

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

21.6744, 23.1356, 25.5136

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.3457, 23.5685, 26.3458 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(123, 136, 135) looks like.

```
.text, #text, p{  
    color:rgb(123, 136, 135)  
}
```

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(123, 136, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 136, 135) }
```

Border

The CSS property to change the border of an element to XYZ 21.3457, 23.5685, 26.3458 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(123, 136, 135) }
```


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

```
.border{ border-color:rgb(123, 136, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 136, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 136, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 136, 135);  
box-shadow:4px 4px 4px 4px rgb(123, 136,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 21.3457, 23.5685, 26.3458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 136, 135) }
```

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

```
.background{ background-color: rgb(123,  
136, 135) }
```

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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