

Converting Colors

XYZ(21.1982, 23.4684, 26.3763)

Have a look what the booklet for
XYZ(21.1982, 23.4684, 26.3763)
contains.

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Color

**XYZ(21.2034, 23.4952,
26.3392)**

Conversions

Conversions Part 1

Format	Color
Hex	7A8887
RGB	122, 136, 135
RGB Percent	48%, 53%, 53%
CMY	0.5216, 0.4667, 0.4706
CMYK	0.10, 0.00, 0.01, 0.47
HSL	176°, 6%, 51%
HSV	176°, 10%, 53%
XYZ	21.2034, 23.4952, 26.3392
YIQ	131.7000, -8.0230, -3.2790

Conversions

Conversions Part 2

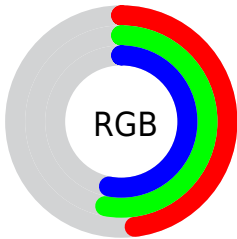
Format	Color
R_{YB}	122, 129, 136
Decimal	8030343
CIE _{Lab}	55.58, -5.29, -1.21
CIE _{LCh}	56, 5.421, 192.847
Yxy	23.4952, 0.2985, 0.3307
Android (android.graphics.Color)	4286220423 (0xFF7A8887)
YUV	131.7000, 1.6269, -8.5069
Hunter-Lab	48.4718, -6.7432, 1.7126

Details

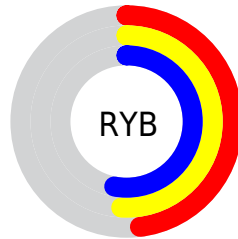
The XYZ color **21.2034, 23.4952, 26.3392** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **20.6889, 20.5840, 21.6227**, and the grayscale version is **21.8211, 22.9575, 25.0007**.

A 20% lighter version of the original color is **44.7303, 49.0247, 54.6821**, and **7.7151, 8.7279, 9.8724** is the 20% darker color. If you saturate the color by 10%, you get **19.3428, 22.5446, 25.8965**, and if you desaturate by 10%, it is **23.3355, 24.5870, 26.7989**.

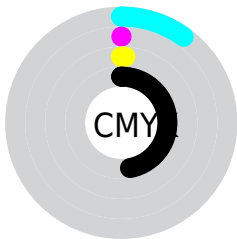
Distribution



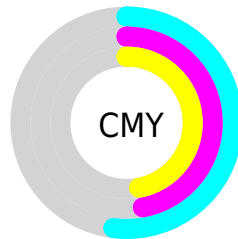
- Red (48%)
- Green (53%)
- Blue (53%)



- 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 21.2034, 23.4952, 26.3392 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 21.2034, 23.4952, 26.3392 by changing the saturation by 10% instead.

■ 21.2034, 23.4952,
26.3392

■ 21.2034, 23.4952,
26.3392

251.0688,
270.2583, 298.1015

■ 13.3861, 14.9596,
16.8495

■ 44.9145, 49.2052,
54.8124

■ 7.7738, 8.7910,
9.9664

■ 61.5390, 67.1483,
74.6331

■ 4.0011, 4.6051,
5.2714

■ 81.8300, 88.9961,
98.7345

■ 1.7028, 2.0175,
2.3459

106.1527,
115.1329, 127.5352

■ 0.4580, 0.6176,
0.7567

134.8726,
145.9432, 161.4537

■ 0.0000, 0.0000,
0.0000

168.3550,

181.8112, 200.9085

206.9653,
223.1215, 246.3183

■ 21.2034, 23.4952,
26.3392

■ 21.2034, 23.4952,
26.3392

■ 19.3428, 22.5446,
25.8965

■ 23.3355, 24.5870,
26.7989

■ 17.7406, 21.7264,
25.4686

■ 25.7475, 25.8224,
27.2745

■ 16.3855, 21.0356,
25.0555

■ 28.4501, 27.2076,
27.7670

■ 15.2647, 20.4654,
24.6567

■ 31.4528, 28.7473,
28.2768

■ 14.3642, 20.0088,
24.2714

■ 34.7644, 30.4463,
28.8043

■ 13.6684, 19.6576,
23.8989

■ 38.3937, 32.3089,
29.3501

■ 13.1600, 19.4030,
23.5384

■ 42.3490, 34.3396,
29.9144

■ 12.8183, 19.2342,
23.1889

■ 46.6382, 36.5423,
30.4977

■ 12.5879, 19.1226,
22.8576

■ 51.2690, 38.9210,
31.1004

Harmonies

Analogous

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



21.2255, 23.4952, 24.6009



21.2034, 23.4952, 26.3392



21.4795, 23.4952, 27.9440

Triad

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



21.2034, 23.4952, 26.3392



23.1416, 23.4952, 28.1343



22.6804, 23.4952, 22.4944

Complementary

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



21.2034, 23.4952, 26.3392



20.6889, 20.5840, 21.6227

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.



23.2057, 23.4952, 23.3576



21.2034, 23.4952, 26.3392



23.4752, 23.4952, 26.5894

Square

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



21.2034, 23.4952, 26.3392



22.5942, 23.4952, 29.0118



23.4989, 23.4952, 24.8400



22.0708, 23.4952, 22.4343

Rectangle

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



21.2034, 23.4952, 26.3392



21.7986, 23.4952, 28.7006



23.4989, 23.4952, 24.8400



22.8730, 23.4952, 22.6984

Sweetspot

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



21.2041, 23.4962, 26.3397



40.0328, 42.7698, 46.9982



20.5100, 23.2378, 21.8171



9.2045, 9.8709, 10.8701



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.



21.2041, 23.4962, 26.3397



36.6845, 41.0566, 46.2603



20.4755, 21.9256, 26.4466



5.1576, 5.6825, 6.3512



11.9149, 18.0985, 21.6404



0.0813, 0.1211, 0.1551

Inverse Universe

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



20.6889, 20.5840, 21.6227



35.6175, 35.0245, 36.4900



21.3645, 22.0351, 21.5399



5.0465, 5.0540, 5.3331



9.6618, 4.9748, 0.7235



0.0658, 0.0337, 0.0135

Previews

White Background



This preview shows how the XYZ color 21.2034, 23.4952, 26.3392 looks on a white background.

Color Contrast Check

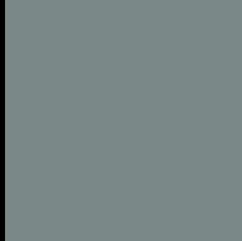
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.2034, 23.4952, 26.3392 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

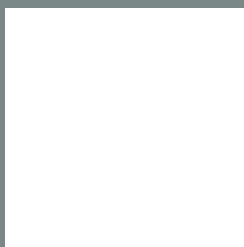
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.2034, 23.4952, 26.3392

Background



This preview shows how black text looks on a background with the XYZ color 21.2034, 23.4952, 26.3392.



This preview shows how white text looks on a background with the XYZ color 21.2034, 23.4952,

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

21.2034, 23.4952, 26.3392

Protanopia

22.4766, 23.3469, 25.5121

Deuteranopia

23.7958, 23.4074, 26.5565



Tritanopia

21.9481, 23.3796, 30.1440

Trichromacy



Original Color

21.2034, 23.4952, 26.3392

Protanomaly

21.8965, 23.2421, 25.8864

Deuteranomaly

22.8485, 23.5143, 26.6270

Tritanomaly

21.6401, 23.4620, 28.5874

Monochromacy



Original Color

21.2034, 23.4952, 26.3392

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

21.5233, 23.0577, 25.5065

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.2034, 23.4952, 26.3392 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(122, 136, 135)` looks like.

```
.text, #text, p{  
    color:rgb(122, 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(122, 136, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 136, 135) }
```

Border

The CSS property to change the border of an element to XYZ 21.2034, 23.4952, 26.3392 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(122, 136, 135) }
```


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

```
.border{ border-color:rgb(122, 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(122, 136, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 136, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 136, 135);  
box-shadow:4px 4px 4px 4px rgb(122, 136,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 21.2034, 23.4952, 26.3392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 136, 135) }
```

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

```
.background{ background-color: rgb(122,  
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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