

Converting Colors

XYZ(21.6532, 22.3038, 26.4532)

Have a look what the booklet for
XYZ(21.6532, 22.3038, 26.4532)
contains.

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Color

**XYZ(21.6543, 22.3034,
26.4562)**

Conversions

Conversions Part 1

Format	Color
Hex	838188
RGB	131, 129, 136
RGB Percent	51%, 51%, 53%
CMY	0.4863, 0.4941, 0.4667
CMYK	0.04, 0.05, 0.00, 0.47
HSL	257°, 3%, 52%
HSV	257°, 5%, 53%
XYZ	21.6543, 22.3034, 26.4562
YIQ	130.3960, -1.0550, 2.6010

Conversions

Conversions Part 2

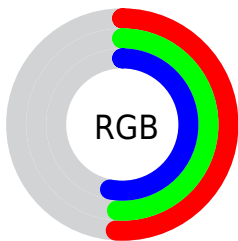
Format	Color
R_{YB}	131, 129, 136
Decimal	8618376
CIE Lab	54.35, 2.16, -3.51
CIE LCh	54, 4.122, 301.551
Yxy	22.3034, 0.3075, 0.3167
Android (android.graphics.Color)	4286808456 (0xFF838188)
YUV	130.3960, 2.7628, 0.5297
Hunter-Lab	47.2265, -0.8005, -0.1556

Details

The XYZ color **21.6543, 22.3034, 26.4562** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **22.5989, 24.2622, 24.2620**, and the grayscale version is **21.3497, 22.4616, 24.4606**.

A 20% lighter version of the original color is **45.6804, 47.3204, 54.8702**, and **8.0281, 8.2030, 9.9643** is the 20% darker color. If you saturate the color by 10%, you get **18.5459, 18.2167, 25.8316**, and if you desaturate by 10%, it is **25.1436, 26.9416, 27.1679**.

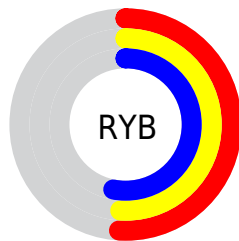
Distribution



Red (51%)

Green (51%)

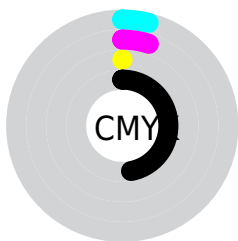
Blue (53%)



Red (51%)

Yellow (51%)

Blue (53%)

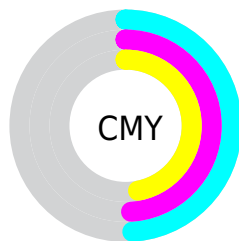


Cyan (4%)

Magenta (5%)

Yellow (0%)

Black (47%)



Cyan (49%)

Magenta (49%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.6543, 22.3034, 26.4562 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 21.6543, 22.3034, 26.4562 by changing the saturation by 10% instead.

■ 21.6543, 22.3034,
26.4562

■ 21.6543, 22.3034,
26.4562

253.4020,
264.1266, 298.6908

■ 13.7183, 14.0800,
16.9364

■ 45.6571, 47.2469,
55.0031

■ 8.0054, 8.1763,
10.0277

■ 62.4546, 64.7359,
74.8673

■ 4.1502, 4.2080,
5.3115

■ 82.9366, 86.0821,
99.0167

■ 1.7875, 1.7906,
2.3692

107.4685,
111.6700, 127.8698

■ 0.5101, 0.4813,
0.7696

136.4156,
141.8841, 161.8453

■ 0.0000, 0.0000,
0.0000

170.1433,

177.1086, 201.3616

209.0170,
217.7280, 246.8372

■ 21.6543, 22.3034,
26.4562

■ 21.6543, 22.3034,
26.4562

■ 18.5459, 18.2167,
25.8316

■ 25.1436, 26.9416,
27.1679

■ 15.8033, 14.6581,
25.2892

■ 29.0244, 32.1482,
27.9683

■ 13.4130, 11.6065,
24.8262

■ 33.3094, 37.9426,
28.8609

■ 11.3603, 9.0383,
24.4387

■ 38.0099, 44.3426,
29.8485

■ 9.6290, 6.9280,
24.1226

■ 43.1369, 51.3653,
30.9338

■ 8.2017, 5.2478,
23.8735

■ 48.7011, 59.0269,
32.1194

■ 7.0593, 3.9666,
23.6864

■ 54.7125, 67.3431,
33.4077

■ 6.1800, 3.0492,
23.5557

■ 61.1810, 76.3292,
34.8013

■ 5.5352, 2.4465,
23.4733

■ 68.1162, 85.9998,
36.3024

Harmonies

Analogous

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



21.2221, 22.3034, 26.8446



21.6543, 22.3034, 26.4562



21.9679, 22.3034, 25.4833

Triad

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



21.6543, 22.3034, 26.4562



21.6132, 22.3034, 22.1721



20.3462, 22.3034, 24.3517

Complementary

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



21.6543, 22.3034, 26.4562



22.5989, 24.2622, 24.2620

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.



20.4476, 22.3034, 23.1241



21.6543, 22.3034, 26.4562



21.1753, 22.3034, 21.8928

Square

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



21.6543, 22.3034, 26.4562



21.9440, 22.3034, 23.0120



20.7496, 22.3034, 22.2352



20.4705, 22.3034, 25.6033

Rectangle

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



21.6543, 22.3034, 26.4562



22.0654, 22.3034, 24.6502



20.7496, 22.3034, 22.2352



20.3550, 22.3034, 23.9226

Sweetspot

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



21.6549, 22.3044, 26.4567



39.9963, 41.7360, 46.9962



22.0253, 23.5002, 26.6680



9.2818, 9.6909, 10.8877



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.



21.6549, 22.3044, 26.4567



37.5930, 38.5545, 46.5088



22.2036, 22.5872, 26.4824



5.1116, 5.2358, 6.3470



5.0003, 2.0919, 22.1859



0.0462, 0.0206, 0.1480

Inverse Universe

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



22.3074, 22.6570, 25.7528



38.9559, 39.2912, 45.0332



22.0527, 23.9806, 24.2364



5.3061, 5.3409, 6.1363



11.6635, 5.7755, 11.2640



0.0838, 0.0409, 0.1081

Previews

White Background



This preview shows how the XYZ color 21.6543, 22.3034, 26.4562 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 21.6543, 22.3034, 26.4562 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

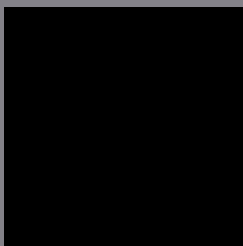
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

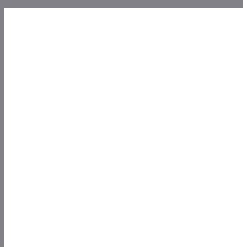
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.6543, 22.3034, 26.4562

Background



This preview shows how black text looks on a background with the XYZ color 21.6543, 22.3034, 26.4562.



This preview shows how white text looks on a background with the XYZ color 21.6543, 22.3034,

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

21.6543, 22.3034, 26.4562

Protanopia

21.5001, 22.2239, 26.4490

Deuteranopia

22.6237, 22.2168, 26.7628



Tritanopia

21.8705, 22.3899, 27.5951

Trichromacy

**Original Color**

21.6543, 22.3034, 26.4562

Protanomaly

21.5001, 22.2239, 26.4490

Deuteranomaly

22.2581, 22.2191, 26.7825

Tritanomaly

21.7978, 22.3608, 27.2120

Monochromacy

**Original Color**

21.6543, 22.3034, 26.4562

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

21.3534, 22.3770, 25.0235

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.6543, 22.3034, 26.4562 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(131, 129, 136)` looks like.

```
.text, #text, p{  
    color:rgb(131, 129, 136)  
}
```

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(131, 129, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 129, 136) }
```

Border

The CSS property to change the border of an element to XYZ 21.6543, 22.3034, 26.4562 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(131, 129, 136) }
```


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

```
.border{ border-color:rgb(131, 129, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 129, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 129, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 129, 136);  
box-shadow:4px 4px 4px 4px rgb(131, 129,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 21.6543, 22.3034, 26.4562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 129, 136) }
```

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

```
.background{ background-color: rgb(131,  
129, 136) }
```

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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