

Converting Colors

XYZ(21.2248, 23.0706, 25.7134)

Have a look what the booklet for
XYZ(21.2248, 23.0706, 25.7134)
contains.

XYZ(21.2856, 23.1314, 25.8972)	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(21.2856, 23.1314,
25.8972)**

Conversions

Conversions Part 1

Format	Color
Hex	7D8686
RGB	125, 134, 134
RGB Percent	49%, 53%, 53%
CMY	0.5098, 0.4745, 0.4745
CMYK	0.07, 0.00, 0.00, 0.47
HSL	180°, 4%, 51%
HSV	180°, 7%, 53%
XYZ	21.2856, 23.1314, 25.8972
YIQ	131.3090, -5.3640, -1.9080

Conversions

Conversions Part 2

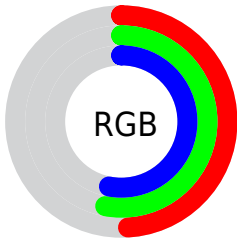
Format	Color
R_{YB}	125, 130, 134
Decimal	8226438
CIE _{Lab}	55.21, -3.29, -1.14
CIE _{LCh}	55, 3.486, 199.167
Yxy	23.1314, 0.3027, 0.3290
Android (android.graphics.Color)	4286416518 (0xFF7D8686)
YUV	131.3090, 1.3267, -5.5330
Hunter-Lab	48.0951, -5.1672, 1.7414

Details

The XYZ color **21.2856, 23.1314, 25.8972** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **20.8676, 21.2168, 22.3985**, and the grayscale version is **21.6812, 22.8103, 24.8404**.

A 20% lighter version of the original color is **45.1001, 48.5935, 54.0162**, and **7.7510, 8.5172, 9.6230** is the 20% darker color. If you saturate the color by 10%, you get **19.4598, 22.1908, 25.8110**, and if you desaturate by 10%, it is **23.3767, 24.2100, 25.9967**.

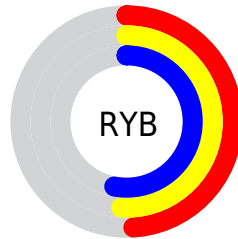
Distribution



Red (49%)

Green (53%)

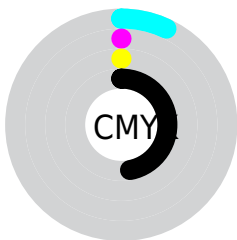
Blue (53%)



Red (49%)

Yellow (51%)

Blue (53%)

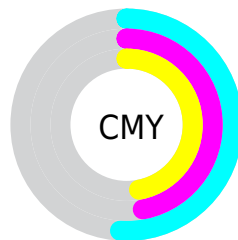


Cyan (7%)

Magenta (0%)

Yellow (0%)

Black (47%)



Cyan (51%)

Magenta (47%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.2856, 23.1314, 25.8972 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 21.2856, 23.1314, 25.8972 by changing the saturation by 10% instead.

■ 21.2856, 23.1314,
25.8972

■ 21.2856, 23.1314,
25.8972

251.4955,
268.3992, 295.8665

■ 13.4466, 14.6906,
16.5217

■ 45.0501, 48.6090,
54.0911

■ 7.8159, 8.6025,
9.7357

■ 61.7062, 66.4145,
73.7466

■ 4.0282, 4.4828,
5.1208

■ 82.0321, 88.1104,
97.6658

■ 1.7181, 1.9472,
2.2583

106.3932,
114.0811, 126.2672

■ 0.4676, 0.5765,
0.7077

135.1547,
144.7109, 159.9695

■ 0.0000, 0.0000,
0.0000

168.6820,

180.3843, 199.1911

207.3405,
221.4856, 244.3506

■ 21.2856, 23.1314,
25.8972

■ 21.2856, 23.1314,
25.8972

■ 19.4598, 22.1908,
25.8110

■ 23.3767, 24.2100,
25.9967

■ 17.8869, 21.3800,
25.7362

■ 25.7409, 25.4288,
26.1086

■ 16.5562, 20.6940,
25.6728

■ 28.3884, 26.7936,
26.2337

■ 15.4557, 20.1267,
25.6201

■ 31.3282, 28.3091,
26.3725

■ 14.5724, 19.6714,
25.5775

■ 34.5687, 29.9796,
26.5253

■ 13.8919, 19.3206,
25.5445

■ 38.1182, 31.8094,
26.6926

■ 13.3982, 19.0661,
25.5202

■ 41.9845, 33.8025,
26.8747

■ 13.0726, 18.8983,
25.5037

■ 46.1753, 35.9629,
27.0721

■ 12.8817, 18.7999,
25.4936

■ 50.6979, 38.2944,
27.2849

Harmonies

Analogous

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



21.2580, 23.1314, 24.7850



21.2856, 23.1314, 25.8972



21.4995, 23.1314, 26.8447

Triad

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



21.2856, 23.1314, 25.8972



22.5574, 23.1314, 26.6153



22.1268, 23.1314, 23.1370

Complementary

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



21.2856, 23.1314, 25.8972



20.8676, 21.2168, 22.3985

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.



22.4792, 23.1314, 23.5974



21.2856, 23.1314, 25.8972



22.7298, 23.1314, 25.5916

Square

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



21.2856, 23.1314, 25.8972



22.2326, 23.1314, 27.2677



22.7010, 23.1314, 24.4883



21.7406, 23.1314, 23.2133

Rectangle

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



21.2856, 23.1314, 25.8972



21.7203, 23.1314, 27.2452



22.7010, 23.1314, 24.4883



22.2532, 23.1314, 23.2336

Sweetspot

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



21.2863, 23.1324, 25.8977



39.1648, 41.6119, 45.7057



20.7068, 22.9031, 22.7317



8.8352, 9.3808, 10.2976



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



21.2863, 23.1324, 25.8977



37.0047, 40.4983, 45.6033



20.6973, 21.9542, 25.7022



4.8016, 5.2789, 5.9664



12.0198, 17.5908, 23.8873



0.0416, 0.0609, 0.0828

Inverse Universe

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



20.8676, 21.2168, 22.3985



36.1155, 36.4299, 38.1714



21.4305, 22.3427, 22.5854



4.6726, 4.6887, 4.8883



9.2138, 4.7499, 0.4321



0.0319, 0.0165, 0.0015

Previews

White Background



This preview shows how the XYZ color 21.2856, 23.1314, 25.8972 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 21.2856, 23.1314, 25.8972 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

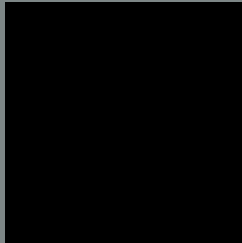
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

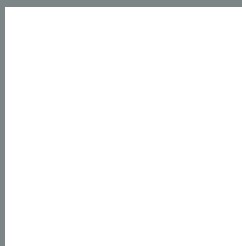
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.2856, 23.1314, 25.8972

Background



This preview shows how black text looks on a background with the XYZ color 21.2856, 23.1314, 25.8972.



This preview shows how white text looks on a background with the XYZ color 21.2856, 23.1314,

25.8972.

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

21.2856, 23.1314, 25.8972

Protanopia

22.1127, 22.9669, 25.0974

Deuteranopia

23.4200, 23.0273, 26.1320



Tritanopia

22.0979, 23.2703, 29.3135

Trichromacy



Original Color

21.2856, 23.1314, 25.8972

Protanomaly

21.8450, 23.0213, 25.4825

Deuteranomaly

22.5091, 22.9488, 26.1649

Tritanomaly

21.7253, 23.1041, 28.1254

Monochromacy



Original Color

21.2856, 23.1314, 25.8972

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

21.4694, 22.8356, 25.1059

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.2856, 23.1314, 25.8972 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(125, 134, 134)` looks like.

```
.text, #text, p{  
    color:rgb(125, 134, 134)  
}
```

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(125, 134, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 134, 134) }
```

Border

The CSS property to change the border of an element to XYZ 21.2856, 23.1314, 25.8972 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(125, 134, 134) }
```


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

```
.border{ border-color:rgb(125, 134, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 134, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 134, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 134, 134);  
box-shadow:4px 4px 4px 4px rgb(125, 134,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 21.2856, 23.1314, 25.8972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 134, 134) }
```

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

```
.background{ background-color: rgb(125,  
134, 134) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor