

Converting Colors

XYZ(22.1124, 23.6182, 32.6722)

Have a look what the booklet for
XYZ(22.1124, 23.6182, 32.6722)
contains.

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Color

**XYZ(22.1350, 23.6273,
32.6720)**

Conversions

Conversions Part 1

Format	Color
Hex	798797
RGB	121, 135, 151
RGB Percent	47%, 53%, 59%
CMY	0.5255, 0.4706, 0.4078
CMYK	0.20, 0.11, 0.00, 0.41
HSL	212°, 13%, 53%
HSV	212°, 20%, 59%
XYZ	22.1350, 23.6273, 32.6720
YIQ	132.6380, -13.4800, 2.0080

Conversions

Conversions Part 2

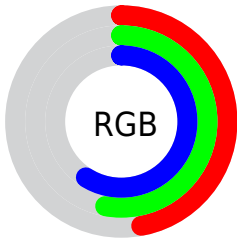
Format	Color
R_{YB}	121, 131, 151
Decimal	7964567
CIE _{Lab}	55.71, -1.48, -10.25
CIE _{LCh}	56, 10.361, 261.761
Yxy	23.6273, 0.2822, 0.3012
Android (android.graphics.Color)	4286154647 (0xFF798797)
YUV	132.6380, 9.0525, -10.2065
Hunter-Lab	48.6079, -3.7788, -5.8265

Details

The XYZ color **22.1350, 23.6273, 32.6720** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.1594, 25.8508, 21.7532**, and the grayscale version is **22.1351, 23.2878, 25.3604**.

A 20% lighter version of the original color is **46.4582, 49.3729, 64.8389**, and **8.2212, 8.7948, 13.3209** is the 20% darker color. If you saturate the color by 10%, you get **19.1011, 20.4586, 32.2207**, and if you desaturate by 10%, it is **25.5866, 27.1387, 33.1682**.

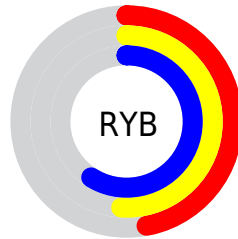
Distribution



Red (47%)

Green (53%)

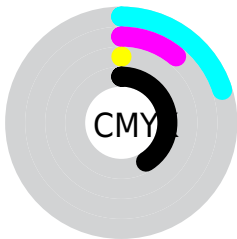
Blue (59%)



Red (47%)

Yellow (51%)

Blue (59%)

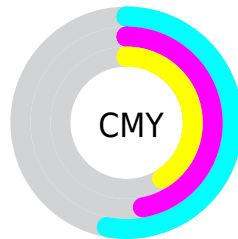


Cyan (20%)

Magenta (11%)

Yellow (0%)

Black (41%)



Cyan (53%)

Magenta (47%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.1350, 23.6273, 32.6720 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 22.1350, 23.6273, 32.6720 by changing the saturation by 10% instead.

■ 22.1350, 23.6273,
32.6720

■ 22.1350, 23.6273,
32.6720

255.8696,
270.9308, 328.7557

■ 14.0733, 15.0574,
21.6062

■ 46.4462, 49.4213,
64.9732

■ 8.2537, 8.8597,
13.3723

■ 63.4264, 67.4142,
87.0457

■ 4.3109, 4.6498,
7.5517

■ 84.1102, 89.3169,
113.6242

■ 1.8795, 2.0433,
3.7258

108.8628,
115.5137, 145.1273

■ 0.5649, 0.6324,
1.4762

138.0498,
146.3892, 181.9734

■ 0.0000, 0.0000,
0.2001

172.0363,

■ 0.0000, 0.0000,

182.3275, 224.5812

0.0000

211.1878,
223.7133, 273.3691

■ 22.1350, 23.6273,
32.6720

■ 22.1350, 23.6273,
32.6720

■ 19.1011, 20.4586,
32.2207

■ 25.5866, 27.1387,
33.1682

■ 16.4655, 17.6180,
31.8113

■ 29.4698, 31.0009,
33.7090

■ 14.2105, 15.0941,
31.4430

■ 33.8008, 35.2253,
34.2962

■ 12.3158, 12.8735,
31.1142

■ 38.5939, 39.8220,
34.9308

■ 10.7593, 10.9417,
30.8234

■ 43.8631, 44.8005,
35.6140

■ 9.5163, 9.2828,
30.5687

■ 49.6215, 50.1700,
36.3469

■ 8.5578, 7.8783,
30.3481

■ 55.8818, 55.9395,
37.1306

■ 7.8154, 6.6896,
30.1578

■ 62.6563, 62.1174,
37.9660

■ 7.8062, 6.6748,
30.1554

■ 69.2536, 68.3497,
38.8213

Harmonies

Analogous

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



21.0882, 23.6273, 31.1473



22.1350, 23.6273, 32.6720



23.3047, 23.6273, 32.2120

Triad

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



22.1350, 23.6273, 32.6720



24.6202, 23.6273, 23.4022



20.7297, 23.6273, 21.9273

Complementary

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



22.1350, 23.6273, 32.6720



25.1594, 25.8508, 21.7532

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.



21.6302, 23.6273, 20.1751



22.1350, 23.6273, 32.6720



23.8839, 23.6273, 20.9735

Square

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



22.1350, 23.6273, 32.6720



24.7668, 23.6273, 26.6640



22.7822, 23.6273, 19.8418



20.2955, 23.6273, 24.8105

Rectangle

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



22.1350, 23.6273, 32.6720



23.9949, 23.6273, 30.8580



22.7822, 23.6273, 19.8418



20.9864, 23.6273, 21.1973

Sweetspot

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



22.1357, 23.6283, 32.6725



48.3356, 51.1185, 59.7530



23.4317, 27.9904, 27.6473



10.8953, 11.5280, 13.5684



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



22.1357, 23.6283, 32.6725



37.0441, 39.6216, 58.1290



20.3791, 20.0106, 32.0668



6.1102, 6.4778, 7.8573



6.6689, 5.7345, 25.6631



0.1356, 0.1576, 0.3956

Inverse Universe

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



23.9736, 22.0038, 25.9065



41.0111, 36.2979, 43.4832



27.1880, 30.0456, 22.4559



6.3228, 6.2683, 7.0797



11.8249, 5.9842, 5.6031



0.1949, 0.0967, 0.1793

Previews

White Background



This preview shows how the XYZ color 22.1350, 23.6273, 32.6720 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 22.1350, 23.6273, 32.6720 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

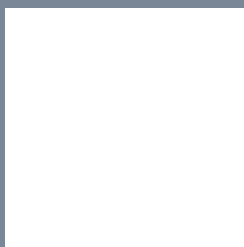
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 22.1350, 23.6273, 32.6720

Background



This preview shows how black text looks on a background with the XYZ color 22.1350, 23.6273, 32.6720.



This preview shows how white text looks on a background with the XYZ color 22.1350, 23.6273,

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

22.1350, 23.6273, 32.6720

Protanopia

23.0362, 23.4977, 31.7552

Deuteranopia

23.9667, 23.5506, 32.9883



Tritanopia

21.8163, 23.7080, 31.0300

Trichromacy



Original Color

22.1350, 23.6273, 32.6720

Protanomaly

22.6449, 23.4891, 32.1945

Deuteranomaly

23.2788, 23.5948, 33.0331

Tritanomaly

21.8952, 23.7395, 31.4452

Monochromacy



Original Color

22.1350, 23.6273, 32.6720

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

22.3120, 23.6108, 28.1923

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.1350, 23.6273, 32.6720 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(121, 135, 151)` looks like.

```
.text, #text, p{  
    color:rgb(121, 135, 151)  
}
```

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(121, 135, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 135, 151) }
```

Border

The CSS property to change the border of an element to XYZ 22.1350, 23.6273, 32.6720 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(121, 135, 151) }
```


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

```
.border{ border-color:rgb(121, 135, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 135, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(121, 135, 151); -webkit-box-shadow:4px 4px 4px 4px rgb(121, 135, 151); box-shadow:4px 4px 4px 4px rgb(121, 135, 151) }
```

Background

The CSS property to change the background color of an element to XYZ 22.1350, 23.6273, 32.6720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 135, 151) }
```

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

```
.background{ background-color: rgb(121,  
135, 151) }
```

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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