

Converting Colors

XYZ(22.5756, 23.8956, 32.7010)

Have a look what the booklet for
XYZ(22.5756, 23.8956, 32.7010)
contains.

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Color

**XYZ(22.5621, 23.8474,
32.6920)**

Conversions

Conversions Part 1

Format	Color
Hex	7C8797
RGB	124, 135, 151
RGB Percent	49%, 53%, 59%
CMY	0.5137, 0.4706, 0.4078
CMYK	0.18, 0.11, 0.00, 0.41
HSL	216°, 11%, 54%
HSV	216°, 18%, 59%
XYZ	22.5621, 23.8474, 32.6920
YIQ	133.5350, -11.6920, 2.6440

Conversions

Conversions Part 2

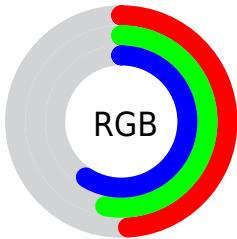
Format	Color
R_{YB}	124, 132, 151
Decimal	8161175
CIE Lab	55.93, -0.48, -9.90
CIE LCh	56, 9.910, 267.249
Yxy	23.8474, 0.2852, 0.3015
Android (android.graphics.Color)	4286351255 (0xFF7C8797)
YUV	133.5350, 8.6102, -8.3622
Hunter-Lab	48.8338, -2.9889, -5.5083

Details

The XYZ color **22.5621, 23.8474, 32.6920** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.7789, 26.7908, 22.8819**, and the grayscale version is **22.4627, 23.6325, 25.7358**.

A 20% lighter version of the original color is **47.1341, 49.7213, 64.8705**, and **8.4504, 8.9130, 13.3316** is the 20% darker color. If you saturate the color by 10%, you get **19.3485, 20.4153, 32.1993**, and if you desaturate by 10%, it is **26.2162, 27.6636, 33.2364**.

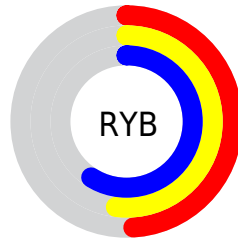
Distribution



Red (49%)

Green (53%)

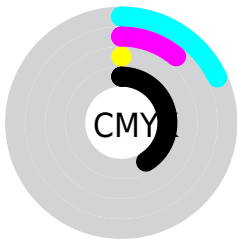
Blue (59%)



Red (49%)

Yellow (52%)

Blue (59%)

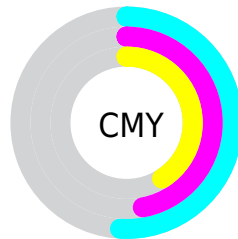


Cyan (18%)

Magenta (11%)

Yellow (0%)

Black (41%)



Cyan (51%)

Magenta (47%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.5621, 23.8474, 32.6920 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 22.5621, 23.8474, 32.6920 by changing the saturation by 10% instead.

■ 22.5621, 23.8474,
32.6920

■ 22.5621, 23.8474,
32.6920

258.0454,
272.0481, 328.8489

■ 14.3894, 15.2205,
21.6214

■ 47.1453, 49.7811,
65.0048

■ 8.4755, 8.9743,
13.3833

■ 64.2864, 67.8566,
87.0841

■ 4.4550, 4.7244,
7.5592

■ 85.1478, 89.8504,
113.6701

■ 1.9627, 2.0865,
3.7305

110.0948,
116.1469, 145.1813

■ 0.6129, 0.6570,
1.4787

139.4927,
147.1306, 182.0363

■ 0.0000, 0.0000,
0.2020

173.7068,

■ 0.0000, 0.0000,

183.1857, 224.6535

0.0000

213.1026,
224.6968, 273.4515

■ 22.5621, 23.8474,
32.6920

■ 22.5621, 23.8474,
32.6920

■ 19.3485, 20.4153,
32.1993

■ 26.2162, 27.6636,
33.2364

■ 16.5557, 17.3514,
31.7551

■ 30.3254, 31.8733,
33.8324

■ 14.1652, 14.6430,
31.3583

■ 34.9061, 36.4890,
34.4819

■ 12.1566, 12.2752,
31.0072

■ 39.9734, 41.5220,
35.1862

■ 10.5073, 10.2323,
30.6998

■ 45.5415, 46.9829,
35.9468

■ 9.1923, 8.4967,
30.4341

■ 51.6241, 52.8821,
36.7649

■ 8.1825, 7.0488,
30.2078

■ 58.2344, 59.2295,
37.6417

■ 7.4271, 5.8572,
30.0176

■ 65.3850, 66.0348,
38.5783

■ 7.2830, 5.6284,
29.9811

■ 71.2615, 72.3653,
39.4906

Harmonies

Analogous

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



21.5107, 23.8474, 31.5600



22.5621, 23.8474, 32.6920



23.6759, 23.8474, 31.9014

Triad

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



22.5621, 23.8474, 32.6920



24.6537, 23.8474, 23.2190



20.8871, 23.8474, 22.7421

Complementary

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



22.5621, 23.8474, 32.6920



25.7789, 26.7908, 22.8819

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.



21.6857, 23.8474, 20.8162



22.5621, 23.8474, 32.6920



23.8624, 23.8474, 21.0750

Square

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



22.5621, 23.8474, 32.6920



24.9070, 23.8474, 26.2656



22.7707, 23.8474, 20.2318



20.5640, 23.8474, 25.6682

Rectangle

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



22.5621, 23.8474, 32.6920



24.2998, 23.8474, 30.4240



22.7707, 23.8474, 20.2318



21.1075, 23.8474, 21.9658

Sweetspot

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



22.5628, 23.8484, 32.6925



48.9121, 51.5655, 59.8089



24.0945, 28.3048, 28.9084



11.0120, 11.6120, 13.5784



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.



22.5628, 23.8484, 32.6925



38.2805, 40.4552, 58.2247



21.4352, 21.1050, 32.2224



6.0808, 6.4190, 7.8475



6.2225, 4.8416, 25.5143



0.1274, 0.1412, 0.3929

Inverse Universe

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



24.3439, 22.7445, 26.0298



42.0353, 38.2396, 44.1537



27.0540, 29.9549, 23.4254



6.3079, 6.2623, 7.0015



11.5996, 5.8941, 4.4164



0.1908, 0.0951, 0.1575

Previews

White Background



This preview shows how the XYZ color 22.5621, 23.8474, 32.6920 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 22.5621, 23.8474, 32.6920 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

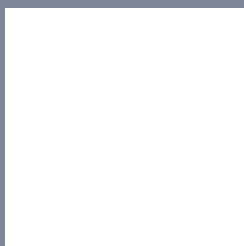
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 22.5621, 23.8474, 32.6920

Background



This preview shows how black text looks on a background with the XYZ color 22.5621, 23.8474, 32.6920.



This preview shows how white text looks on a background with the XYZ color 22.5621, 23.8474,

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

22.5621, 23.8474, 32.6920

Protanopia

23.4083, 23.8826, 32.2302

Deuteranopia

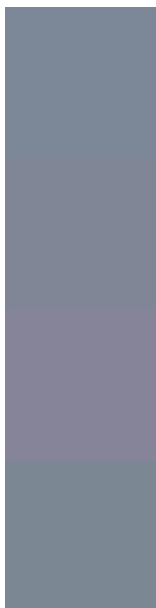
24.1314, 23.6355, 32.9960



Tritanopia

22.2390, 23.9259, 31.0498

Trichromacy



Original Color

22.5621, 23.8474, 32.6920

Protanomaly

23.0834, 23.9193, 32.2544

Deuteranomaly

23.5916, 23.7561, 33.0477

Tritanomaly

22.3178, 23.9574, 31.4649

Monochromacy



Original Color

22.5621, 23.8474, 32.6920

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

22.4646, 23.6895, 28.1995

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.5621, 23.8474, 32.6920 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(124, 135, 151)` looks like.

```
.text, #text, p{  
    color:rgb(124, 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(124, 135, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 135, 151) }
```

Border

The CSS property to change the border of an element to XYZ 22.5621, 23.8474, 32.6920 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(124, 135, 151) }
```


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

```
.border{ border-color:rgb(124, 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(124, 135, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 135, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 135, 151);  
box-shadow:4px 4px 4px 4px rgb(124, 135,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 22.5621, 23.8474, 32.6920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 135, 151) }
```

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

```
.background{ background-color: rgb(124,  
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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