

Converting Colors

XYZ(22.8191, 24.1883, 35.4477)

Have a look what the booklet for
XYZ(22.8191, 24.1883, 35.4477)
contains.

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Color

**XYZ(22.7751, 24.1076,
35.3511)**

Conversions

Conversions Part 1

Format	Color
Hex	79889D
RGB	121, 136, 157
RGB Percent	47%, 53%, 62%
CMY	0.5255, 0.4667, 0.3843
CMYK	0.23, 0.13, 0.00, 0.38
HSL	215°, 16%, 55%
HSV	215°, 23%, 62%
XYZ	22.7751, 24.1076, 35.3511
YIQ	133.9090, -15.6810, 3.3510

Conversions

Conversions Part 2

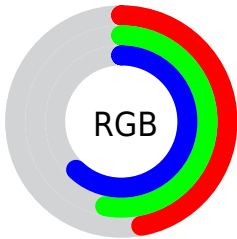
Format	Color
R_{YB}	121, 132, 157
Decimal	7964829
CIE _{Lab}	56.20, -0.63, -12.99
CIE _{LCh}	56, 13.001, 267.231
Yxy	24.1076, 0.2770, 0.2932
Android (android.graphics.Color)	4286154909 (0xFF79889D)
YUV	133.9090, 11.3839, -11.3212
Hunter-Lab	49.0995, -3.1258, -8.3185

Details

The XYZ color **22.7751, 24.1076, 35.3511** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.0290, 27.8945, 22.0493**, and the grayscale version is **22.5908, 23.7673, 25.8826**.

A 20% lighter version of the original color is **47.5368, 50.1473, 69.4613**, and **8.6018, 9.0739, 14.9337** is the 20% darker color. If you saturate the color by 10%, you get **19.5165, 20.5947, 34.8452**, and if you desaturate by 10%, it is **26.5035, 28.0275, 35.9116**.

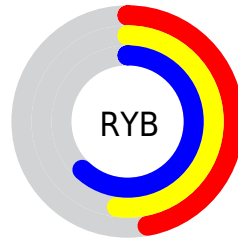
Distribution



Red (47%)

Green (53%)

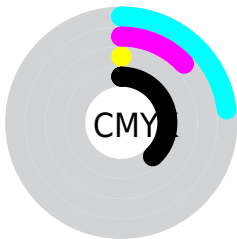
Blue (62%)



Red (47%)

Yellow (52%)

Blue (62%)

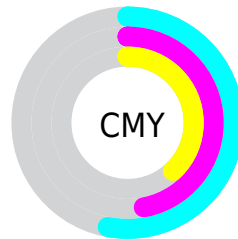


Cyan (23%)

Magenta (13%)

Yellow (0%)

Black (38%)



Cyan (53%)

Magenta (47%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.7751, 24.1076, 35.3511 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 22.7751, 24.1076, 35.3511 by changing the saturation by 10% instead.

■ 22.7751, 24.1076,
35.3511

■ 22.7751, 24.1076,
35.3511

259.1247,
273.3640, 341.0666

■ 14.5473, 15.4135,
23.6477

■ 47.4932, 50.2057,
69.1871

■ 8.5865, 9.1101,
14.8627

■ 64.7141, 68.3785,
92.1567

■ 4.5274, 4.8130,
8.5776

■ 85.6636, 90.4796,
119.7189

■ 2.0046, 2.1380,
4.3737

110.7068,
116.8935, 152.2922

■ 0.6366, 0.6859,
1.8325

140.2091,
148.0044, 190.2950

■ 0.0000, 0.0000,
0.4493

174.5360,

■ 0.0000, 0.0000,

184.1969, 234.1460

0.0000

214.0528,
225.8553, 284.2637

■ 22.7751, 24.1076,
35.3511

■ 22.7751, 24.1076,
35.3511

■ 19.5165, 20.5947,
34.8452

■ 26.5035, 28.0275,
35.9116

■ 16.7054, 17.4715,
34.3905

■ 30.7183, 32.3650,
36.5267

■ 14.3210, 14.7236,
33.9858

■ 35.4379, 37.1341,
37.1985

■ 12.3397, 12.3344,
33.6290

■ 40.6790, 42.3470,
37.9284

■ 10.7357, 10.2858,
33.3182

■ 46.4577, 48.0157,
38.7180

■ 9.4793, 8.5580,
33.0509

■ 52.7892, 54.1513,
39.5686

■ 8.5361, 7.1279,
32.8246

■ 59.6882, 60.7649,
40.4815

■ 8.0006, 6.2639,
32.6860

■ 67.1688, 67.8669,
41.4581

■ 72.5068, 74.0562,
42.3714

Harmonies

Analogous

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



21.3940, 24.1076, 33.7901



22.7751, 24.1076, 35.3511



24.2529, 24.1076, 34.2625

Triad

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



22.7751, 24.1076, 35.3511



25.5631, 24.1076, 22.6626



20.5826, 24.1076, 22.0443

Complementary

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



22.7751, 24.1076, 35.3511



27.0290, 27.8945, 22.0493

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.



21.6244, 24.1076, 19.5940



22.7751, 24.1076, 35.3511



24.5034, 24.1076, 19.9228

Square

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



22.7751, 24.1076, 35.3511



25.9034, 24.1076, 26.6484



23.0526, 24.1076, 18.8611



20.1631, 24.1076, 25.8538

Rectangle

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



22.7751, 24.1076, 35.3511



25.0871, 24.1076, 32.2395



23.0526, 24.1076, 18.8611



20.8693, 24.1076, 21.0508

Sweetspot

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



22.7758, 24.1086, 35.3516



51.7301, 54.6022, 64.9396



24.7801, 30.1143, 29.8627



11.2949, 11.9244, 14.2767



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



22.7758, 24.1086, 35.3516



37.4132, 39.5577, 62.7902



21.1494, 20.3501, 34.7119



6.5005, 6.8667, 8.3895



6.5329, 5.1574, 26.5584



0.1576, 0.1738, 0.4885

Inverse Universe

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



25.1865, 22.6210, 26.3325



42.6374, 36.5957, 43.1861



28.9495, 32.4239, 22.8223



6.7420, 6.6897, 7.4923



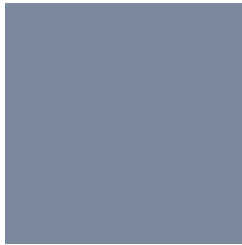
12.0957, 6.1429, 4.7551



0.2369, 0.1181, 0.1934

Previews

White Background



This preview shows how the XYZ color 22.7751, 24.1076, 35.3511 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 22.7751, 24.1076, 35.3511 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

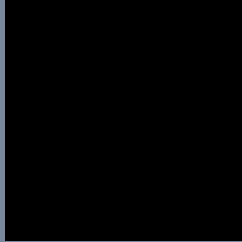
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 22.7751, 24.1076, 35.3511

Background



This preview shows how black text looks on a background with the XYZ color 22.7751, 24.1076, 35.3511.



This preview shows how white text looks on a background with the XYZ color 22.7751, 24.1076,

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

22.7751, 24.1076, 35.3511

Protanopia

23.6640, 23.9669, 34.3892

Deuteranopia

24.4412, 23.9355, 35.6796



Tritanopia

21.8987, 23.9514, 31.4859

Trichromacy



Original Color

22.7751, 24.1076, 35.3511

Protanomaly

23.2782, 23.9625, 34.8508

Deuteranomaly

23.9192, 24.0690, 35.7329

Tritanomaly

22.2773, 24.1188, 32.7594

Monochromacy



Original Color

22.7751, 24.1076, 35.3511

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

22.5997, 23.9481, 29.0225

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.7751, 24.1076, 35.3511 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, 136, 157)` looks like.

```
.text, #text, p{  
    color:rgb(121, 136, 157)  
}
```

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, 136, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 136, 157) }
```

Border

The CSS property to change the border of an element to XYZ 22.7751, 24.1076, 35.3511 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, 136, 157) }
```


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

```
.border{ border-color:rgb(121, 136, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 136, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 136, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 136, 157);  
box-shadow:4px 4px 4px 4px rgb(121, 136,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 22.7751, 24.1076, 35.3511 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 136, 157) }
```

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

```
.background{ background-color: rgb(121,  
136, 157) }
```

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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