

Converting Colors

XYZ(22.6614, 26.2033, 21.6440)

Have a look what the booklet for
XYZ(22.6614, 26.2033, 21.6440)
contains.

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Color

**XYZ(22.5693, 26.0484,
21.6076)**

Conversions

Conversions Part 1

Format	Color
Hex	829078
RGB	130, 144, 120
RGB Percent	51%, 56%, 47%
CMY	0.4902, 0.4353, 0.5294
CMYK	0.10, 0.00, 0.17, 0.44
HSL	95°, 10%, 52%
HSV	95°, 17%, 56%
XYZ	22.5693, 26.0484, 21.6076
YIQ	137.0780, -0.6400, -10.4320

Conversions

Conversions Part 2

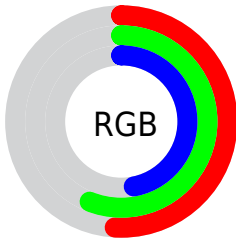
Format	Color
R_{YB}	120, 144, 134
Decimal	8556664
CIE _{Lab}	58.08, -9.70, 11.07
CIE _{LCh}	58, 14.722, 131.229
Yxy	26.0484, 0.3214, 0.3709
Android (android.graphics.Color)	4286746744 (0xFF829078)
YUV	137.0780, -8.4195, -6.2074
Hunter-Lab	51.0376, -10.3816, 10.6250

Details

The XYZ color **22.5693, 26.0484, 21.6076** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **21.5831, 20.5156, 29.2093**, and the grayscale version is **23.8389, 25.0804, 27.3126**.

A 20% lighter version of the original color is **47.1689, 53.4340, 46.8575**, and **8.5334, 10.2097, 7.4821** is the 20% darker color. If you saturate the color by 10%, you get **20.5240, 25.0883, 17.2879**, and if you desaturate by 10%, it is **24.8527, 27.1176, 26.6257**.

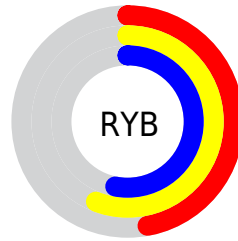
Distribution



Red (51%)

Green (56%)

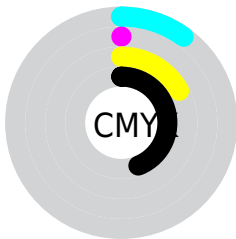
Blue (47%)



Red (47%)

Yellow (56%)

Blue (53%)

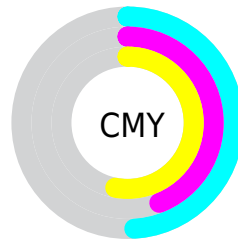


Cyan (10%)

Magenta (0%)

Yellow (17%)

Black (44%)



Cyan (49%)

Magenta (44%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.5693, 26.0484, 21.6076 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 22.5693, 26.0484, 21.6076 by changing the saturation by 10% instead.

■ 22.5693, 26.0484,
21.6076

■ 22.5693, 26.0484,
21.6076

258.0819,
283.0196, 273.3765

■ 14.3947, 16.8599,
13.3733

■ 47.1570, 53.3530,
46.9904

■ 8.4793, 10.1346,
7.5524

■ 64.3009, 72.2379,
64.9760

■ 4.4575, 5.4883,
3.7262

■ 85.1653, 95.1236,
87.0492

■ 1.9641, 2.5365,
1.4764

110.1155,
122.3947, 113.6283

■ 0.6137, 0.8949,
0.2002

139.5169,
154.4354, 145.1321

■ 0.0000, 0.0000,
0.0000

173.7349,

191.6302, 181.9791

213.1348,
234.3635, 224.5877

■ 22.5693, 26.0484,
21.6076

■ 22.5693, 26.0484,
21.6076

■ 20.5240, 25.0883,
17.2879

■ 24.8527, 27.1176,
26.6257

■ 18.7063, 24.2302,
13.6339

■ 27.3801, 28.2960,
32.3695

■ 17.1081, 23.4715,
10.6130

■ 30.1596, 29.5880,
38.8669

■ 15.7199, 22.8081,
8.1890

■ 33.1984, 30.9966,
46.1438

■ 14.5312, 22.2354,
6.3222

■ 36.5033, 32.5249,
54.2249

■ 13.5307, 21.7486,
4.9680

■ 40.0810, 34.1758,
63.1338

■ 12.7056, 21.3421,
4.0748

■ 43.9378, 35.9520,
72.8932

■ 12.0366, 21.0080,
3.5583

■ 48.0798, 37.8563,
83.5248

■ 11.8367, 20.9079,
3.4118

■ 52.5131, 39.8912,
95.0496

Harmonies

Analogous

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



24.0974, 26.0484, 19.7897



22.5693, 26.0484, 21.6076



21.6556, 26.0484, 25.3221

Triad

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



22.5693, 26.0484, 21.6076



23.6726, 26.0484, 38.6975



28.2711, 26.0484, 26.4952

Complementary

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



22.5693, 26.0484, 21.6076



21.5831, 20.5156, 29.2093

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.



28.1439, 26.0484, 31.6365



22.5693, 26.0484, 21.6076



25.4310, 26.0484, 39.1097

Square

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



22.5693, 26.0484, 21.6076



22.2712, 26.0484, 35.3290



27.0843, 26.0484, 36.3956



27.4239, 26.0484, 22.3775

Rectangle

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



22.5693, 26.0484, 21.6076



21.4901, 26.0484, 28.5731



27.0843, 26.0484, 36.3956



28.3419, 26.0484, 28.1525

Sweetspot

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



22.5700, 26.0495, 21.6082



44.5011, 48.1390, 48.4590



23.4179, 24.3366, 21.2328



10.1431, 11.0104, 10.9735



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



22.5700, 26.0495, 21.6082



38.4076, 45.2867, 35.1172



21.2326, 25.3459, 22.1860



5.5424, 6.1323, 5.7809



10.3328, 18.2193, 2.9721



0.1229, 0.1866, 0.0295

Inverse Universe

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



21.5831, 20.5156, 29.2093



36.3300, 33.6387, 51.1161



23.1016, 21.3159, 28.4893



5.4120, 5.4006, 6.7859



7.5955, 3.4092, 23.2348



0.0978, 0.0456, 0.2233

Previews

White Background



This preview shows how the XYZ color 22.5693, 26.0484, 21.6076 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 22.5693, 26.0484, 21.6076 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

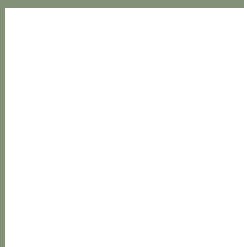
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 22.5693, 26.0484, 21.6076

Background



This preview shows how black text looks on a background with the XYZ color 22.5693, 26.0484, 21.6076.



This preview shows how white text looks on a background with the XYZ color 22.5693, 26.0484,

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

22.5693, 26.0484, 21.6076

Protanopia

24.5353, 25.9763, 20.8603

Deuteranopia

26.3360, 25.8263, 22.0093



Tritanopia

24.9557, 26.1414, 33.0087

Trichromacy



Original Color

22.5693, 26.0484, 21.6076

Protanomaly

23.8392, 26.0444, 21.2234

Deuteranomaly

24.7524, 25.8533, 21.7748

Tritanomaly

23.9314, 25.9297, 28.5546

Monochromacy



Original Color

22.5693, 26.0484, 21.6076

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

23.3063, 25.4632, 25.1592

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.5693, 26.0484, 21.6076 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(130, 144, 120)` looks like.

```
.text, #text, p{  
    color:rgb(130, 144, 120)  
}
```

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(130, 144, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 144, 120) }
```

Border

The CSS property to change the border of an element to XYZ 22.5693, 26.0484, 21.6076 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(130, 144, 120) }
```


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

```
.border{ border-color:rgb(130, 144, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 144, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(130, 144, 120); -webkit-box-shadow:4px 4px 4px 4px rgb(130, 144, 120); box-shadow:4px 4px 4px 4px rgb(130, 144, 120) }
```

Background

The CSS property to change the background color of an element to XYZ 22.5693, 26.0484, 21.6076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 144, 120) }
```

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

```
.background{ background-color: rgb(130,  
144, 120) }
```

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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