

Converting Colors

XYZ(22.0293, 25.0974, 21.7724)

Have a look what the booklet for
XYZ(22.0293, 25.0974, 21.7724)
contains.

XYZ(22.0293, 25.0974, 21.7724)	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(22.0293, 25.0974,
21.7724)**

Conversions

Conversions Part 1

Format	Color
Hex	818D79
RGB	129, 141, 121
RGB Percent	51%, 55%, 47%
CMY	0.4941, 0.4470, 0.5255
CMYK	0.09, 0.00, 0.14, 0.45
HSL	96°, 8%, 51%
HSV	96°, 14%, 55%
XYZ	22.0293, 25.0974, 21.7724
YIQ	135.1320, -0.7320, -8.7640

Conversions

Conversions Part 2

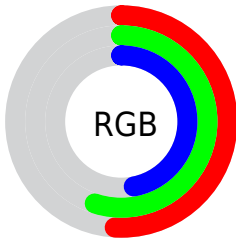
Format	Color
R_{YB}	121, 141, 133
Decimal	8490361
CIE _{Lab}	57.17, -8.26, 9.20
CIE _{LCh}	57, 12.364, 131.902
Yxy	25.0974, 0.3197, 0.3643
Android (android.graphics.Color)	4286680441 (0xFF818D79)
YUV	135.1320, -6.9671, -5.3778
Hunter-Lab	50.0973, -9.1784, 9.3005

Details

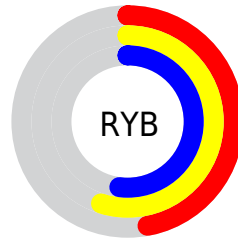
The XYZ color **22.0293, 25.0974, 21.7724** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **21.3191, 20.5852, 28.0504**, and the grayscale version is **23.1039, 24.3071, 26.4705**.

A 20% lighter version of the original color is **46.3493, 51.9924, 47.1278**, and **8.2190, 9.6555, 7.5614** is the 20% darker color. If you saturate the color by 10%, you get **19.9947, 24.1420, 17.4886**, and if you desaturate by 10%, it is **24.2982, 26.1604, 26.7280**.

Distribution



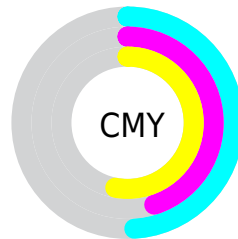
- Red (51%)
- Green (55%)
- Blue (47%)



- Red (47%)
- Yellow (55%)
- Blue (52%)



- Cyan (9%)
- Magenta (0%)
- Yellow (14%)
- Black (45%)



- Cyan (49%)
- Magenta (45%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.0293, 25.0974, 21.7724 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 22.0293, 25.0974, 21.7724 by changing the saturation by 10% instead.

■ 22.0293, 25.0974,
21.7724

■ 22.0293, 25.0974,
21.7724

255.3287,
278.3227, 274.2700

■ 13.9952, 16.1496,
13.4930

■ 46.2729, 51.8152,
47.2669

■ 8.1990, 9.6301,
7.6342

■ 63.2131, 70.3540,
65.3191

■ 4.2754, 5.1544,
3.7774

■ 83.8527, 92.8586,
87.4660

■ 1.8591, 2.3381,
1.5040

108.5570,
119.7135, 114.1262

■ 0.5529, 0.7938,
0.2209

137.6914,
151.3029, 145.7181

■ 0.0000, 0.0000,
0.0000

171.6212,

188.0113, 182.6604

210.7119,
230.2231, 225.3715

■ 22.0293, 25.0974,
21.7724

■ 22.0293, 25.0974,
21.7724

■ 19.9947, 24.1420,
17.4886

■ 24.2982, 26.1604,
26.7280

■ 18.1843, 23.2874,
13.8462

■ 26.8068, 27.3312,
32.3810

■ 16.5902, 22.5311,
10.8146

■ 29.5632, 28.6139,
38.7574

■ 15.2033, 21.8690,
8.3603

■ 32.5743, 30.0116,
45.8817

■ 14.0138, 21.2969,
6.4465

■ 35.8467, 31.5272,
53.7770

■ 13.0108, 20.8101,
5.0322

■ 39.3867, 33.1635,
62.4655

■ 12.1823, 20.4034,
4.0704

■ 43.2006, 34.9232,
71.9686

■ 11.5138, 20.0707,
3.5026

■ 47.2942, 36.8090,
82.3066

■ 11.1781, 19.9028,
3.2525

■ 51.6734, 38.8234,
93.4995

Harmonies

Analogous

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



23.2804, 25.0974, 20.1948



22.0293, 25.0974, 21.7724



21.2858, 25.0974, 24.9062

Triad

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



22.0293, 25.0974, 21.7724



22.9934, 25.0974, 35.6974



26.7061, 25.0974, 25.7030

Complementary

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



22.0293, 25.0974, 21.7724



21.3191, 20.5852, 28.0504

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.



26.6216, 25.0974, 29.8994



22.0293, 25.0974, 21.7724



24.4376, 25.0974, 35.9667

Square

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



22.0293, 25.0974, 21.7724



21.8266, 25.0974, 33.0517



25.7775, 25.0974, 33.7536



26.0039, 25.0974, 22.3044

Rectangle

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



22.0293, 25.0974, 21.7724



21.1589, 25.0974, 27.5944



25.7775, 25.0974, 33.7536



26.7695, 25.0974, 27.0609

Sweetspot

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



22.0300, 25.0985, 21.7729



43.5544, 46.8665, 47.9578



22.8243, 23.8193, 21.4842



9.6629, 10.4373, 10.5672



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



22.0300, 25.0985, 21.7729



38.2468, 44.3801, 36.4230



20.9860, 24.5460, 22.3711



5.5342, 6.1280, 5.7805



10.2087, 18.1554, 2.9663



0.1213, 0.1858, 0.0295

Inverse Universe

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



21.3191, 20.5852, 28.0504



36.7215, 34.6978, 49.8898



22.4831, 21.2023, 27.3349



5.4204, 5.4049, 6.7863



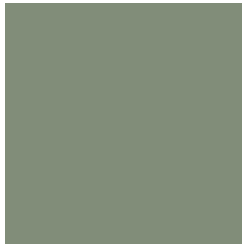
7.7859, 3.5074, 23.2437



0.0994, 0.0464, 0.2234

Previews

White Background



This preview shows how the XYZ color 22.0293, 25.0974, 21.7724 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 22.0293, 25.0974, 21.7724 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

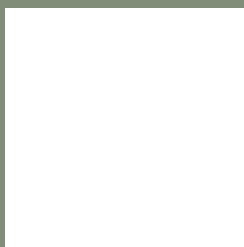
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 22.0293, 25.0974, 21.7724

Background



This preview shows how black text looks on a background with the XYZ color 22.0293, 25.0974, 21.7724.



This preview shows how white text looks on a background with the XYZ color 22.0293, 25.0974,

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

22.0293, 25.0974, 21.7724

Protanopia

23.7770, 25.1525, 21.0545

Deuteranopia

25.3440, 24.9012, 22.2095



Tritanopia

23.9638, 25.0160, 31.5825

Trichromacy



Original Color

22.0293, 25.0974, 21.7724

Protanomaly

23.1261, 25.0220, 21.3802

Deuteranomaly

24.0309, 24.8441, 21.9412

Tritanomaly

23.1916, 24.9175, 27.6320

Monochromacy



Original Color

22.0293, 25.0974, 21.7724

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

22.6478, 24.4896, 24.6524

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.0293, 25.0974, 21.7724 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(129, 141, 121)` looks like.

```
.text, #text, p{  
    color:rgb(129, 141, 121)  
}
```

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(129, 141, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 141, 121) }
```

Border

The CSS property to change the border of an element to XYZ 22.0293, 25.0974, 21.7724 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(129, 141, 121) }
```


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

```
.border{ border-color:rgb(129, 141, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 141, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 141, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 141, 121);  
box-shadow:4px 4px 4px 4px rgb(129, 141,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 22.0293, 25.0974, 21.7724 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 141, 121) }
```

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

```
.background{ background-color: rgb(129,  
141, 121) }
```

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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