

Converting Colors

XYZ(22.2524, 24.6527, 27.4047)

Have a look what the booklet for
XYZ(22.2524, 24.6527, 27.4047)
contains.

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Color

**XYZ(22.2054, 24.6314,
27.2509)**

Conversions

Conversions Part 1

Format	Color
Hex	7D8B89
RGB	125, 139, 137
RGB Percent	49%, 55%, 54%
CMY	0.5098, 0.4549, 0.4627
CMYK	0.10, 0.00, 0.01, 0.45
HSL	171°, 6%, 52%
HSV	171°, 10%, 55%
XYZ	22.2054, 24.6314, 27.2509
YIQ	134.5860, -7.7020, -3.5900

Conversions

Conversions Part 2

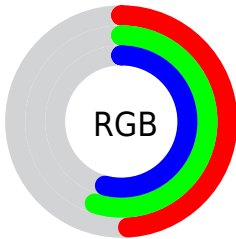
Format	Color
R_{YB}	125, 133, 139
Decimal	8227721
CIE _{Lab}	56.71, -5.48, -0.67
CIE _{LCh}	57, 5.518, 186.962
Yxy	24.6314, 0.2997, 0.3325
Android (android.graphics.Color)	4286417801 (0xFF7D8B89)
YUV	134.5860, 1.1901, -8.4069
Hunter-Lab	49.6300, -6.9883, 2.1860

Details

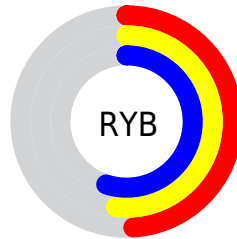
The XYZ color **22.2054, 24.6314, 27.2509** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **21.8127, 21.6891, 23.1165**, and the grayscale version is **22.8742, 24.0655, 26.2073**.

A 20% lighter version of the original color is **46.5040, 50.8820, 56.0854**, and **8.2732, 9.3694, 10.3893** is the 20% darker color. If you saturate the color by 10%, you get **20.1754, 23.6019, 26.4188**, and if you desaturate by 10%, it is **24.5234, 25.8104, 28.1112**.

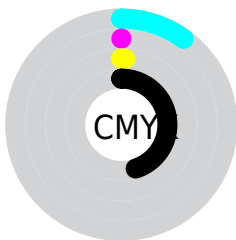
Distribution



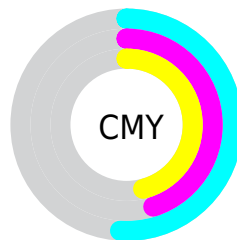
- Red (49%)
- Green (55%)
- Blue (54%)



- Red (49%)
- Yellow (52%)
- Blue (55%)



- Cyan (10%)
- Magenta (0%)
- Yellow (1%)
- Black (45%)



- Cyan (51%)
- Magenta (45%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.2054, 24.6314, 27.2509 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 22.2054, 24.6314, 27.2509 by changing the saturation by 10% instead.

■ 22.2054, 24.6314,
27.2509

■ 22.2054, 24.6314,
27.2509

256.2293,
275.9973, 302.6684

■ 14.1254, 15.8027,
17.5276

■ 46.5616, 51.0586,
56.2948

■ 8.2902, 9.3846,
10.4455

■ 63.5684, 69.4259,
76.4526

■ 4.3346, 4.9929,
5.5859

■ 84.2815, 91.7414,
100.9256

■ 1.8931, 2.2431,
2.5303

109.0664,
118.3896, 130.1324

■ 0.5728, 0.7433,
0.8561

138.2882,
149.7549, 164.4916

■ 0.0000, 0.0000,
0.0000

172.3124,

186.2217, 204.4216

211.5043,
228.1744, 250.3410

■ 22.2054, 24.6314,
27.2509

■ 22.2054, 24.6314,
27.2509

■ 20.1754, 23.6019,
26.4188

■ 24.5234, 25.8104,
28.1112

■ 18.4196, 22.7128,
25.6127

■ 27.1385, 27.1416,
28.9987

■ 16.9262, 21.9586,
24.8325

■ 30.0618, 28.6314,
29.9144

■ 15.6816, 21.3324,
24.0773

■ 33.3031, 30.2848,
30.8590

■ 14.6710, 20.8266,
23.3466

■ 36.8722, 32.1069,
31.8329

■ 13.8781, 20.4326,
22.6394

■ 40.7780, 34.1022,
32.8367

■ 13.2844, 20.1411,
21.9548

■ 45.0293, 36.2754,
33.8707

■ 12.8684, 19.9409,
21.2917

■ 49.6346, 38.6307,
34.9356

■ 12.5704, 19.8012,
20.6518

■ 54.6019, 41.1723,
36.0316

Harmonies

Analogous

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



22.2919, 24.6314, 25.4573



22.2054, 24.6314, 27.2509



22.4373, 24.6314, 29.0054

Triad

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



22.2054, 24.6314, 27.2509



24.1628, 24.6314, 29.7495



23.8986, 24.6314, 23.6909

Complementary

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



22.2054, 24.6314, 27.2509



21.8127, 21.6891, 23.1165

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.



24.4133, 24.6314, 24.7461



22.2054, 24.6314, 27.2509



24.5678, 24.6314, 28.2292

Square

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



22.2054, 24.6314, 27.2509



23.5616, 24.6314, 30.4902



24.6603, 24.6314, 26.3925



23.2619, 24.6314, 23.4558

Rectangle

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



22.2054, 24.6314, 27.2509



22.7437, 24.6314, 29.8988



24.6603, 24.6314, 26.3925



24.0920, 24.6314, 23.9591

Sweetspot

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



22.2061, 24.6324, 27.2514



42.6185, 45.5602, 49.8739



21.7023, 24.4667, 22.9810



9.7467, 10.4607, 11.4652



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.



22.2061, 24.6324, 27.2514



38.9266, 43.6843, 48.4698



21.6573, 23.3028, 27.7838



5.1426, 5.6765, 6.2720



11.3496, 17.8724, 18.6633



0.0793, 0.1203, 0.1445

Inverse Universe

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



21.8127, 21.6891, 23.1165



38.0817, 37.3616, 39.5880



22.3193, 22.9091, 22.6478



5.0601, 5.0595, 5.4051



9.7270, 5.0009, 1.0670



0.0678, 0.0345, 0.0240

Previews

White Background



This preview shows how the XYZ color 22.2054, 24.6314, 27.2509 looks on a white background.

Color Contrast Check

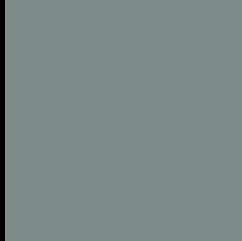
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.2054, 24.6314, 27.2509 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

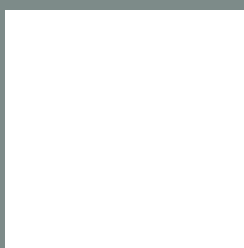
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 22.2054, 24.6314, 27.2509

Background



This preview shows how black text looks on a background with the XYZ color 22.2054, 24.6314, 27.2509.



This preview shows how white text looks on a background with the XYZ color 22.2054, 24.6314,

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

22.2054, 24.6314, 27.2509

Protanopia

23.5184, 24.4805, 26.4073

Deuteranopia

25.0515, 24.6334, 27.4791



Tritanopia

23.0434, 24.5415, 31.5394

Trichromacy



Original Color

22.2054, 24.6314, 27.2509

Protanomaly

22.9210, 24.3724, 26.7888

Deuteranomaly

24.0666, 24.7384, 27.5513

Tritanomaly

22.7267, 24.6262, 29.9411

Monochromacy



Original Color

22.2054, 24.6314, 27.2509

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

22.6082, 24.2112, 26.7742

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.2054, 24.6314, 27.2509 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(125, 139, 137)` looks like.

```
.text, #text, p{  
    color:rgb(125, 139, 137)  
}
```

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(125, 139, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 139, 137) }
```

Border

The CSS property to change the border of an element to XYZ 22.2054, 24.6314, 27.2509 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(125, 139, 137) }
```


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

```
.border{ border-color:rgb(125, 139, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 139, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 139, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 139, 137);  
box-shadow:4px 4px 4px 4px rgb(125, 139,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 22.2054, 24.6314, 27.2509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 139, 137) }
```

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

```
.background{ background-color: rgb(125,  
139, 137) }
```

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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