

Converting Colors

XYZ(24.0802, 25.3342, 27.5890)

Have a look what the booklet for
XYZ(24.0802, 25.3342, 27.5890)
contains.

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Color

**XYZ(24.1572, 25.4152,
27.6772)**

Conversions

Conversions Part 1

Format	Color
Hex	8A8A8A
RGB	138, 138, 138
RGB Percent	54%, 54%, 54%
CMY	0.4588, 0.4588, 0.4588
CMYK	0.00, 0.00, 0.00, 0.46
HSL	115°, 0%, 54%
HSV	115°, 0%, 54%
XYZ	24.1572, 25.4152, 27.6772
YIQ	138.0000, -0.0000, -0.0000

Conversions

Conversions Part 2

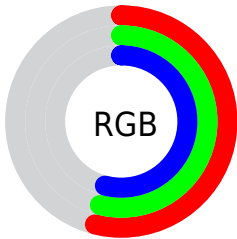
Format	Color
R_{YB}	138, 138, 138
Decimal	9079434
CIE Lab	57.48, 0.00, -0.01
CIE LCh	57, 0.008, 298.116
Yxy	25.4152, 0.3127, 0.3290
Android (android.graphics.Color)	4287269514 (0xFF8A8A8A)
YUV	138.0000, 0.0000, 0.0000
Hunter-Lab	50.4135, -2.6898, 2.7390

Details

The XYZ color `24.1572, 25.4152, 27.6772` is a dark color, and the websafe version is hex `999999`. A complement of this color would be `24.1581, 25.4159, 27.6785`, and the grayscale version is `24.1581, 25.4162, 27.6782`.

A 20% lighter version of the original color is `49.5206, 52.0996, 56.7364`, and `9.2757, 9.7587, 10.6273` is the 20% darker color. If you saturate the color by 10%, you get `21.2413, 24.0209, 22.6524`, and if you desaturate by 10%, it is `27.4473, 26.9891, 33.3834`.

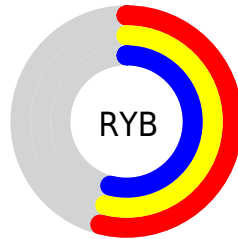
Distribution



Red (54%)

Green (54%)

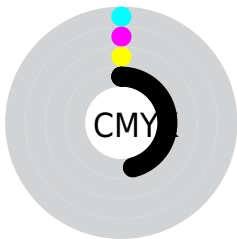
Blue (54%)



Red (54%)

Yellow (54%)

Blue (54%)

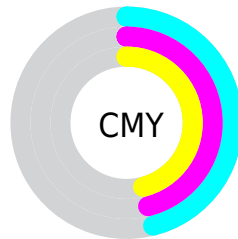


Cyan (0%)

Magenta (0%)

Yellow (0%)

Black (46%)



Cyan (46%)

Magenta (46%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.1572, 25.4152, 27.6772 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 24.1572, 25.4152, 27.6772 by changing the saturation by 10% instead.

■ 24.1572, 25.4152,
27.6772

■ 24.1572, 25.4152,
27.6772

266.0400,
279.8994, 304.7845

■ 15.5756, 16.3867,
17.8456

■ 49.7394, 52.3300,
56.9855

■ 9.3133, 9.7982,
10.6709

■ 67.4708, 70.9851,
77.2993

■ 5.0048, 5.2653,
5.7346

■ 88.9828, 93.6177,
101.9442

■ 2.2849, 2.4038,
2.6182

114.6408,
120.6124, 131.3388

■ 0.7869, 0.8278,
0.9018

144.8102,
152.3536, 165.9016

■ 0.0000, 0.0000,
0.0000

179.8563,

189.2255, 206.0511

220.1444,
231.6127, 252.2059

■ 24.1572, 25.4152,
27.6772

■ 24.1572, 25.4152,
27.6772

■ 21.2413, 24.0209,
22.6524

■ 27.4473, 26.9891,
33.3834

■ 18.6842, 22.7968,
18.2819

■ 31.1219, 28.7454,
39.7933

■ 16.4727, 21.7373,
14.5393

■ 35.1936, 30.6907,
46.9303

■ 14.5919, 20.8353,
11.3957

■ 39.6740, 32.8305,
54.8164

■ 13.0260, 20.0834,
8.8201

■ 44.5738, 35.1700,
63.4724

■ 11.7576, 19.4734,
6.7786

■ 49.9038, 37.7141,
72.9185

■ 10.7678, 18.9963,
5.2336

■ 55.6740, 40.4677,
83.1739

■ 10.0355, 18.6422,
4.1430

■ 61.8943, 43.4355,
94.2574

■ 9.5365, 18.3996,
3.4572

■ 67.3923, 46.1493,
99.9635

Harmonies

Analogous

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



24.1563, 25.4152, 27.6778



24.1572, 25.4152, 27.6772



24.1579, 25.4152, 27.6754

Triad

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



24.1572, 25.4152, 27.6772



24.1573, 25.4152, 27.6686



24.1547, 25.4152, 27.6727

Complementary

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



24.1572, 25.4152, 27.6772



24.1581, 25.4159, 27.6785

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.



24.1549, 25.4152, 27.6702



24.1572, 25.4152, 27.6772



24.1564, 25.4152, 27.6679

Square

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



24.1572, 25.4152, 27.6772



24.1579, 25.4152, 27.6705



24.1556, 25.4152, 27.6685



24.1549, 25.4152, 27.6752

Rectangle

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



24.1572, 25.4152, 27.6772



24.1581, 25.4152, 27.6739



24.1556, 25.4152, 27.6685



24.1547, 25.4152, 27.6718

Sweetspot

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



24.1579, 25.4163, 27.6778



42.5813, 44.7988, 48.7859



24.1582, 25.4164, 27.6778



9.5508, 10.0482, 10.9424



65.7814, 69.2071, 75.3665

Same Dimension

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



24.1579, 25.4163, 27.6778



42.5813, 44.7988, 48.7859



24.1580, 25.4163, 27.6781



5.6320, 5.9254, 6.4527



8.4653, 16.7340, 2.7838



0.0604, 0.1133, 0.0187

Inverse Universe

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



24.1581, 25.4159, 27.6785



42.5813, 44.7988, 48.7859



24.1580, 25.4159, 27.6781



5.6320, 5.9254, 6.4527



12.2357, 5.8218, 22.5245



0.0867, 0.0415, 0.1499

Previews

White Background



This preview shows how the XYZ color 24.1572, 25.4152, 27.6772 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 24.1572, 25.4152, 27.6772 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

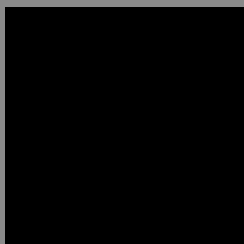
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

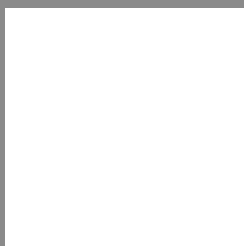
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.1572, 25.4152, 27.6772

Background



This preview shows how black text looks on a background with the XYZ color 24.1572, 25.4152, 27.6772.

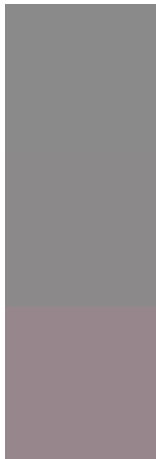


This preview shows how white text looks on a background with the XYZ color 24.1572, 25.4152,

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

24.1572, 25.4152, 27.6772

Protanopia

24.3483, 25.3017, 27.6452

Deuteranopia

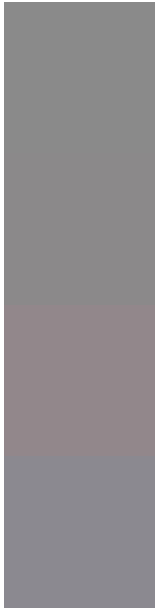
25.9478, 25.4936, 27.9793



Tritanopia

24.8596, 25.4869, 31.2130

Trichromacy



Original Color

24.1572, 25.4152, 27.6772

Protanomaly

24.1806, 25.2153, 27.6373

Deuteranomaly

25.1782, 25.3030, 27.9830

Tritanomaly

24.6272, 25.3939, 29.9891

Monochromacy



Original Color

24.1572, 25.4152, 27.6772

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

24.1572, 25.4152, 27.6772

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.1572, 25.4152, 27.6772 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(138, 138, 138)` looks like.

```
.text, #text, p{  
    color:rgb(138, 138, 138)  
}
```

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(138, 138, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 138, 138) }
```

Border

The CSS property to change the border of an element to XYZ 24.1572, 25.4152, 27.6772 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(138, 138, 138) }
```

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

```
.border{ border-color:rgb(138, 138, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 138, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 138, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 138, 138);  
box-shadow:4px 4px 4px 4px rgb(138, 138,  
138) }
```


Background

The CSS property to change the background color of an element to XYZ 24.1572, 25.4152, 27.6772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 138, 138) }
```

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

```
.background{ background-color: rgb(138,  
138, 138) }
```

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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