

Converting Colors

XYZ(24.7886, 26.2060, 28.6589)

Have a look what the booklet for
XYZ(24.7886, 26.2060, 28.6589)
contains.

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Color

**XYZ(24.7592, 26.1386,
28.5512)**

Conversions

Conversions Part 1

Format	Color
Hex	8B8C8C
RGB	139, 140, 140
RGB Percent	55%, 55%, 55%
CMY	0.4549, 0.4510, 0.4510
CMYK	0.01, 0.00, 0.00, 0.45
HSL	180°, 0%, 55%
HSV	180°, 1%, 55%
XYZ	24.7592, 26.1386, 28.5512
YIQ	139.7010, -0.5960, -0.2120

Conversions

Conversions Part 2

Format	Color
R_{YB}	139, 140, 140
Decimal	9145484
CIE _{Lab}	58.17, -0.36, -0.14
CIE _{LCh}	58, 0.388, 200.449
Yxy	26.1386, 0.3116, 0.3290
Android (android.graphics.Color)	4287335564 (0xFF8B8C8C)
YUV	139.7010, 0.1474, -0.6148
Hunter-Lab	51.1259, -3.0266, 2.6777

Details

The XYZ color **24.7592, 26.1386, 28.5512** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.7091, 25.9055, 28.1255**, and the grayscale version is **24.8115, 26.1037, 28.4269**.

A 20% lighter version of the original color is **50.6557, 53.6403, 58.1358**, and **9.6215, 10.1744, 11.1296** is the 20% darker color. If you saturate the color by 10%, you get **22.5672, 25.0096, 28.4355**, and if you desaturate by 10%, it is **27.2521, 27.4242, 28.6821**.

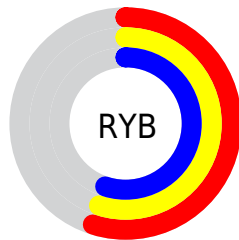
Distribution



Red (55%)

Green (55%)

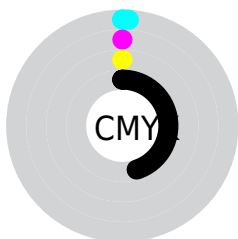
Blue (55%)



Red (55%)

Yellow (55%)

Blue (55%)

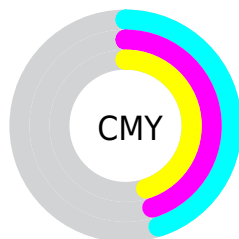


Cyan (1%)

Magenta (0%)

Yellow (0%)

Black (45%)



Cyan (45%)

Magenta (45%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.7592, 26.1386, 28.5512 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 24.7592, 26.1386, 28.5512 by changing the saturation by 10% instead.

■ 24.7592, 26.1386,
28.5512

■ 24.7592, 26.1386,
28.5512

269.0064,
283.4618, 309.0859

■ 16.0255, 16.9274,
18.4989

■ 50.7120, 53.4985,
58.3969

■ 9.6332, 10.1827,
11.1356

■ 68.6619, 72.4159,
79.0274

■ 5.2168, 5.5203,
6.0428

■ 90.4145, 95.3374,
104.0211

■ 2.4111, 2.5556,
2.8019

116.3352,
122.6476, 133.7965

■ 0.8506, 0.9044,
0.9944

146.7894,
154.7307, 168.7721

■ 0.0000, 0.0000,
0.0000

182.1424,

191.9712, 209.3665

222.7597,
234.7534, 255.9983

■ 24.7592, 26.1386,
28.5512

■ 24.7592, 26.1386,
28.5512

■ 22.5672, 25.0096,
28.4355

■ 27.2521, 27.4242,
28.6821

■ 20.6626, 24.0281,
28.3326

■ 30.0543, 28.8684,
28.8269

■ 19.0342, 23.1889,
28.2428

■ 33.1767, 30.4778,
28.9868

■ 17.6691, 22.4854,
28.1652

■ 36.6291, 32.2573,
29.1620

■ 16.5534, 21.9106,
28.0993

■ 40.4207, 34.2116,
29.3532

■ 15.6721, 21.4566,
28.0444

■ 44.5605, 36.3454,
29.5606

■ 15.0083, 21.1147,
27.9997

■ 49.0569, 38.6632,
29.7848

■ 14.5433, 20.8753,
27.9643

■ 53.9184, 41.1690,
30.0260

■ 14.2547, 20.7268,
27.9371

■ 55.3759, 41.9201,
30.1080

Harmonies

Analogous

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



24.7548, 26.1386, 28.4175



24.7592, 26.1386, 28.5512



24.7863, 26.1386, 28.6609

Triad

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



24.7592, 26.1386, 28.5512



24.9138, 26.1386, 28.6260



24.8590, 26.1386, 28.2055

Complementary

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



24.7592, 26.1386, 28.5512



24.7091, 25.9055, 28.1255

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.



24.9017, 26.1386, 28.2610



24.7592, 26.1386, 28.5512



24.9334, 26.1386, 28.5035

Square

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



24.7592, 26.1386, 28.5512



24.8756, 26.1386, 28.7042



24.9289, 26.1386, 28.3700



24.8123, 26.1386, 28.2182

Rectangle

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



24.7592, 26.1386, 28.5512



24.8137, 26.1386, 28.7056



24.9289, 26.1386, 28.3700



24.8743, 26.1386, 28.2168

Sweetspot

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



24.7599, 26.1397, 28.5518



43.9474, 46.2361, 50.3512



24.6893, 26.1118, 28.1654



10.1266, 10.6539, 11.6021



67.5393, 71.0566, 77.3807

Same Dimension

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



24.7599, 26.1397, 28.5518



43.5250, 46.0184, 50.3289



24.6895, 25.9985, 28.5292



5.5836, 5.9004, 6.4502



12.5158, 18.3389, 24.8044



0.0832, 0.1219, 0.1652

Inverse Universe

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



24.7091, 25.9055, 28.1255



43.3973, 45.4307, 49.2591



24.7792, 26.0461, 28.1480



5.5689, 5.8329, 6.3273



9.6117, 4.9548, 0.4595



0.0639, 0.0329, 0.0034

Previews

White Background



This preview shows how the XYZ color 24.7592, 26.1386, 28.5512 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 24.7592, 26.1386, 28.5512 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

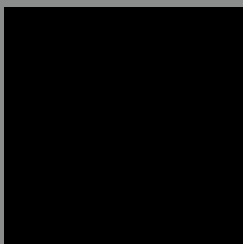
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

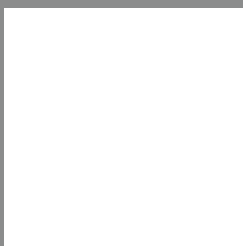
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.7592, 26.1386, 28.5512

Background



This preview shows how black text looks on a background with the XYZ color 24.7592, 26.1386, 28.5512.



This preview shows how white text looks on a background with the XYZ color 24.7592, 26.1386,

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

24.7592, 26.1386, 28.5512

Protanopia

25.0481, 26.0801, 28.1399

Deuteranopia

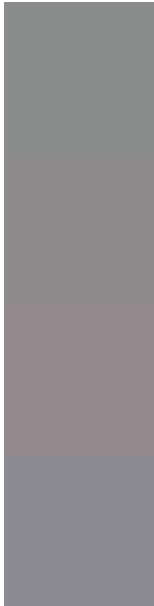
26.6086, 26.0233, 28.8199



Tritanopia

25.4727, 26.2106, 32.1504

Trichromacy



Original Color

24.7592, 26.1386, 28.5512

Protanomaly

24.8773, 25.9920, 28.1319

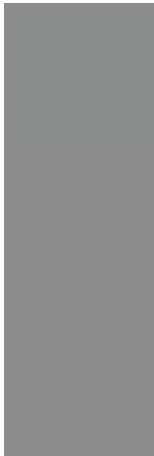
Deuteranomaly

25.9661, 26.1103, 28.8705

Tritanomaly

25.2361, 26.1160, 30.9049

Monochromacy



Original Color

24.7592, 26.1386, 28.5512

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

24.9269, 26.2251, 28.5591

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.7592, 26.1386, 28.5512 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(139, 140, 140)` looks like.

```
.text, #text, p{  
    color:rgb(139, 140, 140)  
}
```

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(139, 140, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 140, 140) }
```

Border

The CSS property to change the border of an element to XYZ 24.7592, 26.1386, 28.5512 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(139, 140, 140) }
```

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

```
.border{ border-color:rgb(139, 140, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 140, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 140, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 140, 140);  
box-shadow:4px 4px 4px 4px rgb(139, 140,  
140) }
```


Background

The CSS property to change the background color of an element to XYZ 24.7592, 26.1386, 28.5512 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 140, 140) }
```

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

```
.background{ background-color: rgb(139,  
140, 140) }
```

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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