

Converting Colors

XYZ(23.5368, 24.9374, 27.2313)

Have a look what the booklet for
XYZ(23.5368, 24.9374, 27.2313)
contains.

XYZ(23.4527, 24.8484, 27.2270)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

**XYZ(23.4527, 24.8484,
27.2270)**

Conversions

Conversions Part 1

Format	Color
Hex	878989
RGB	135, 137, 137
RGB Percent	53%, 54%, 54%
CMY	0.4706, 0.4627, 0.4627
CMYK	0.01, 0.00, 0.00, 0.46
HSL	180°, 1%, 53%
HSV	180°, 1%, 54%
XYZ	23.4527, 24.8484, 27.2270
YIQ	136.4020, -1.1920, -0.4240

Conversions

Conversions Part 2

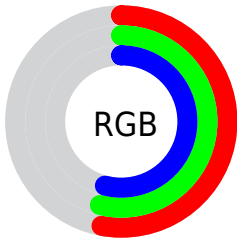
Format	Color
R_{YB}	135, 136, 137
Decimal	8882569
CIE _{Lab}	56.93, -0.73, -0.26
CIE _{LCh}	57, 0.780, 199.851
Yxy	24.8484, 0.3105, 0.3290
Android (android.graphics.Color)	4287072649 (0xFF878989)
YUV	136.4020, 0.2948, -1.2296
Hunter-Lab	49.8482, -3.2531, 2.5096

Details

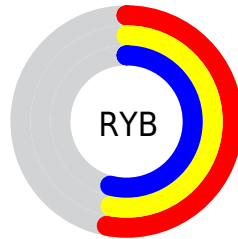
The XYZ color **23.4527, 24.8484, 27.2270** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.3546, 24.3962, 26.4010**, and the grayscale version is **23.5524, 24.7789, 26.9843**.

A 20% lighter version of the original color is **48.4468, 51.2360, 56.0513**, and **8.8748, 9.4358, 10.3704** is the 20% darker color. If you saturate the color by 10%, you get **21.3876, 23.7847, 27.1241**, and if you desaturate by 10%, it is **25.8029, 26.0605, 27.3442**.

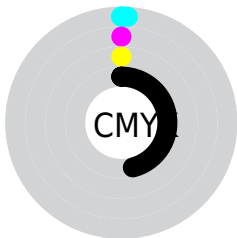
Distribution



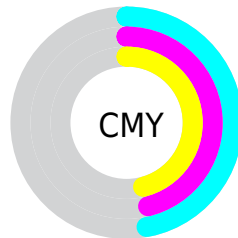
- Red (53%)
- Green (54%)
- Blue (54%)



- Red (53%)
- Yellow (53%)
- Blue (54%)



- Cyan (1%)
- Magenta (0%)
- Yellow (0%)
- Black (46%)



- Cyan (47%)
- Magenta (46%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.4527, 24.8484, 27.2270 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 23.4527, 24.8484, 27.2270 by changing the saturation by 10% instead.

■ 23.4527, 24.8484,
27.2270

■ 23.4527, 24.8484,
27.2270

262.5338,
277.0821, 302.5494

■ 15.0507, 15.9641,
17.5098

■ 48.5968, 51.4112,
56.2561

■ 8.9415, 9.4988,
10.4329

■ 66.0696, 69.8585,
76.4051

■ 4.7598, 5.0679,
5.5776

■ 87.2967, 92.2623,
100.8684

■ 2.1404, 2.2872,
2.5254

112.6434,
119.0069, 130.0647

■ 0.7110, 0.7669,
0.8535

142.4751,
150.4768, 164.4123

■ 0.0000, 0.0000,
0.0000

177.1572,

187.0564, 204.3300

217.0550,
229.1300, 250.2362

■ 23.4527, 24.8484,
27.2270

■ 23.4527, 24.8484,
27.2270

■ 21.3876, 23.7847,
27.1241

■ 25.8029, 26.0605,
27.3442

■ 19.5948, 22.8606,
27.0335

■ 28.4462, 27.4230,
27.4747

■ 18.0635, 22.0713,
26.9551

■ 31.3930, 28.9420,
27.6194

■ 16.7815, 21.4106,
26.8883

■ 34.6526, 30.6223,
27.7787

■ 15.7357, 20.8716,
26.8326

■ 38.2338, 32.4683,
27.9530

■ 14.9115, 20.4468,
26.7873

■ 42.1450, 34.4844,
28.1428

■ 14.2930, 20.1281,
26.7516

■ 46.3945, 36.6750,
28.3484

■ 13.8620, 19.9061,
26.7247

■ 50.9900, 39.0439,
28.5703

■ 13.5974, 19.7698,
26.7056

■ 54.7132, 40.9631,
28.7513

Harmonies

Analogous

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



23.4450, 24.8484, 26.9671



23.4527, 24.8484, 27.2270



23.5045, 24.8484, 27.4423

Triad

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



23.4527, 24.8484, 27.2270



23.7523, 24.8484, 27.3816



23.6486, 24.8484, 26.5631

Complementary

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



23.4527, 24.8484, 27.2270



23.3546, 24.3962, 26.4010

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.



23.7312, 24.8484, 26.6727



23.4527, 24.8484, 27.2270



23.7911, 24.8484, 27.1445

Square

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



23.4527, 24.8484, 27.2270



23.6774, 24.8484, 27.5320



23.7834, 24.8484, 26.8851



23.5580, 24.8484, 26.5849

Rectangle

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



23.4527, 24.8484, 27.2270



23.5572, 24.8484, 27.5311



23.7834, 24.8484, 26.8851



23.6783, 24.8484, 26.5858

Sweetspot

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



23.4534, 24.8495, 27.2275



42.5813, 44.7988, 48.7859



23.3166, 24.7954, 26.4791



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.



23.4534, 24.8495, 27.2275



41.7693, 44.3803, 48.7455



23.3166, 24.5756, 27.1829



5.5357, 5.8757, 6.4479



12.5269, 18.3434, 24.8632



0.0833, 0.1219, 0.1654

Inverse Universe

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



23.3546, 24.3962, 26.4010



41.5228, 43.2495, 46.6833



23.4901, 24.6675, 26.4453



5.5064, 5.7415, 6.2032



9.6108, 4.9544, 0.4548



0.0639, 0.0329, 0.0032

Previews

White Background



This preview shows how the XYZ color 23.4527, 24.8484, 27.2270 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 23.4527, 24.8484, 27.2270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

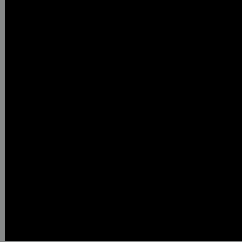
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

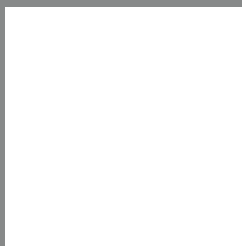
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.4527, 24.8484, 27.2270

Background



This preview shows how black text looks on a background with the XYZ color 23.4527, 24.8484, 27.2270.



This preview shows how white text looks on a background with the XYZ color 23.4527, 24.8484,

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

23.4527, 24.8484, 27.2270

Protanopia

23.8956, 24.8749, 26.8344

Deuteranopia

25.2331, 24.7271, 27.4876



Tritanopia

24.1458, 24.9179, 30.7311

Trichromacy



Original Color

23.4527, 24.8484, 27.2270

Protanomaly

23.7293, 24.7892, 26.8267

Deuteranomaly

24.6141, 24.8145, 27.5371

Tritanomaly

23.9154, 24.8257, 29.5180

Monochromacy



Original Color

23.4527, 24.8484, 27.2270

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

23.4014, 24.6201, 26.8113

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.4527, 24.8484, 27.2270 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(135, 137, 137)` looks like.

```
.text, #text, p{  
    color:rgb(135, 137, 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(135, 137, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 137, 137) }
```

Border

The CSS property to change the border of an element to XYZ 23.4527, 24.8484, 27.2270 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(135, 137, 137) }
```

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

```
.border{ border-color:rgb(135, 137, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 137, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 137, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 137, 137);  
box-shadow:4px 4px 4px 4px rgb(135, 137,  
137) }
```


Background

The CSS property to change the background color of an element to XYZ 23.4527, 24.8484, 27.2270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 137, 137) }
```

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

```
.background{ background-color: rgb(135,  
137, 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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