

Converting Colors

XYZ(24.7807, 24.0120, 30.7009)

Have a look what the booklet for
XYZ(24.7807, 24.0120, 30.7009)
contains.

XYZ(24.6725, 23.9699, 30.5204)	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(24.6725, 23.9699,
30.5204)**

Conversions

Conversions Part 1

Format	Color
Hex	908292
RGB	144, 130, 146
RGB Percent	56%, 51%, 57%
CMY	0.4353, 0.4902, 0.4274
CMYK	0.01, 0.11, 0.00, 0.43
HSL	292°, 7%, 54%
HSV	292°, 11%, 57%
XYZ	24.6725, 23.9699, 30.5204
YIQ	136.0100, 3.2080, 7.9440

Conversions

Conversions Part 2

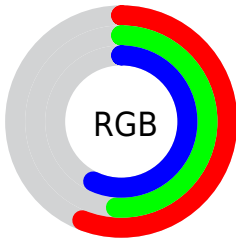
Format	Color
R_{YB}	144, 130, 146
Decimal	9470610
CIE Lab	56.06, 8.36, -6.65
CIE LCh	56, 10.685, 321.491
Yxy	23.9699, 0.3117, 0.3028
Android (android.graphics.Color)	4287660690 (0xFF908292)
YUV	136.0100, 4.9251, 7.0072
Hunter-Lab	48.9591, 4.2752, -2.6892

Details

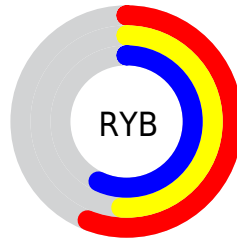
The XYZ color **24.6725, 23.9699, 30.5204** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.8249, 27.0757, 25.0908**, and the grayscale version is **23.3874, 24.6053, 26.7952**.

A 20% lighter version of the original color is **50.6475, 50.0429, 61.6334**, and **9.6698, 9.1091, 12.3149** is the 20% darker color. If you saturate the color by 10%, you get **22.5506, 20.1953, 29.9040**, and if you desaturate by 10%, it is **27.0765, 28.3003, 31.2299**.

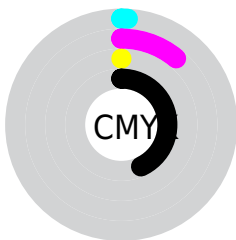
Distribution



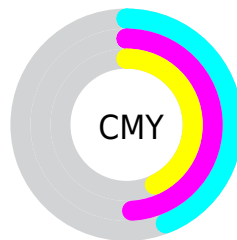
- Red (56%)
- Green (51%)
- Blue (57%)



- Red (56%)
- Yellow (51%)
- Blue (57%)



- Cyan (1%)
- Magenta (11%)
- Yellow (0%)
- Black (43%)



- Cyan (44%)
- Magenta (49%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.6725, 23.9699, 30.5204 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 24.6725, 23.9699, 30.5204 by changing the saturation by 10% instead.

■ 24.6725, 23.9699,
30.5204

■ 24.6725, 23.9699,
30.5204

268.5808,
272.6683, 318.6052

■ 15.9607, 15.3113,
19.9785

■ 50.5722, 49.9811,
61.5549

■ 9.5870, 9.0382,
12.1955

■ 68.4907, 68.1024,
82.8846

■ 5.1861, 4.7661,
6.7528

■ 90.2088, 90.1468,
108.6473

■ 2.3928, 2.1107,
3.2319

116.0919,
116.4987, 139.2616

■ 0.8415, 0.6706,
1.2142

146.5053,
147.5423, 175.1460

■ 0.0000, 0.0000,
0.0000

181.8143,

183.6622, 216.7190

222.3844,
225.2427, 264.3992

■ 24.6725, 23.9699,
30.5204

■ 24.6725, 23.9699,
30.5204

■ 22.5506, 20.1953,
29.9040

■ 27.0765, 28.3003,
31.2299

■ 20.6972, 16.9505,
29.3754

■ 29.7714, 33.2053,
32.0346

■ 19.1006, 14.2115,
28.9309

■ 32.7683, 38.7063,
32.9385

■ 17.7473, 11.9519,
28.5660

■ 36.0768, 44.8230,
33.9447

■ 16.6229, 10.1423,
28.2760

■ 39.7064, 51.5739,
35.0565

■ 15.7111, 8.7504,
28.0554

■ 43.6660, 58.9771,
36.2768

■ 14.9935, 7.7396,
27.8981

■ 47.9641, 67.0496,
37.6084

■ 14.4485, 7.0666,
27.7970

■ 52.6092, 75.8079,
39.0541

■ 14.0522, 6.6448,
27.7364

■ 55.5318, 81.1134,
39.9241

Harmonies

Analogous

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



23.6549, 23.9699, 32.8795



24.6725, 23.9699, 30.5204



25.1880, 23.9699, 27.1083

Triad

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



24.6725, 23.9699, 30.5204



23.1324, 23.9699, 19.9899



20.6642, 23.9699, 28.6446

Complementary

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



24.6725, 23.9699, 30.5204



23.8249, 27.0757, 25.0908

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.



20.5355, 23.9699, 25.1154



24.6725, 23.9699, 30.5204



21.9321, 23.9699, 20.3215

Square

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



24.6725, 23.9699, 30.5204



24.2782, 23.9699, 21.1766



20.9919, 23.9699, 22.1269



21.3498, 23.9699, 31.7309

Rectangle

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



24.6725, 23.9699, 30.5204



25.1653, 23.9699, 24.7806



20.9919, 23.9699, 22.1269



20.5554, 23.9699, 27.4637

Sweetspot

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



24.6732, 23.9709, 30.5209



46.8314, 48.2345, 54.8155



22.6647, 23.3611, 30.5091



10.3447, 10.5976, 12.1725



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



24.6732, 23.9709, 30.5209



42.6191, 40.6657, 53.5766



24.5809, 23.9747, 28.1953



5.9647, 5.8728, 7.2889



12.3786, 5.8540, 24.4085



0.1676, 0.0799, 0.2995

Inverse Universe

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



24.0025, 23.7434, 25.1490



41.2146, 40.1907, 42.2592



23.9201, 27.0780, 27.2097



5.8286, 5.8265, 6.2034



10.5345, 5.4189, 1.0300



0.1347, 0.0686, 0.0428

Previews

White Background



This preview shows how the XYZ color 24.6725, 23.9699, 30.5204 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 24.6725, 23.9699, 30.5204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

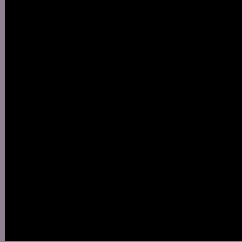
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.6725, 23.9699, 30.5204

Background



This preview shows how black text looks on a background with the XYZ color 24.6725, 23.9699, 30.5204.



This preview shows how white text looks on a background with the XYZ color 24.6725, 23.9699,

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

24.6725, 23.9699, 30.5204

Protanopia

23.4057, 23.8997, 31.3965

Deuteranopia

24.4599, 24.0587, 30.5487



Tritanopia

24.2517, 23.9953, 28.5527

Trichromacy



Original Color

24.6725, 23.9699, 30.5204

Protanomaly

23.8343, 23.9275, 30.9660

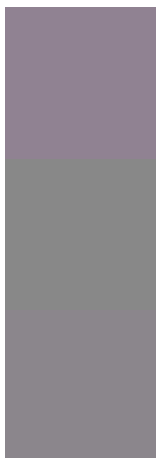
Deuteranomaly

24.6323, 24.1476, 30.5568

Tritanomaly

24.4019, 24.0554, 29.3436

Monochromacy



Original Color

24.6725, 23.9699, 30.5204

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

23.9062, 24.4326, 28.2669

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.6725, 23.9699, 30.5204 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(144, 130, 146)` looks like.

```
.text, #text, p{  
    color:rgb(144, 130, 146)  
}
```

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(144, 130, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 130, 146) }
```

Border

The CSS property to change the border of an element to XYZ 24.6725, 23.9699, 30.5204 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(144, 130, 146) }
```


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

```
.border{ border-color:rgb(144, 130, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 130, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 130, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 130, 146);  
box-shadow:4px 4px 4px 4px rgb(144, 130,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 24.6725, 23.9699, 30.5204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 130, 146) }
```

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

```
.background{ background-color: rgb(144,  
130, 146) }
```

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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