

Converting Colors

XYZ(41.5697, 43.6527, 47.7220)

Have a look what the booklet for
XYZ(41.5697, 43.6527, 47.7220)
contains.

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Color

**XYZ(41.5926, 43.5721,
47.8131)**

Conversions

Conversions Part 1

Format	Color
Hex	B1B0B1
RGB	177, 176, 177
RGB Percent	69%, 69%, 69%
CMY	0.3059, 0.3098, 0.3059
CMYK	0.00, 0.01, 0.00, 0.31
HSL	300°, 1%, 69%
HSV	300°, 1%, 69%
XYZ	41.5926, 43.5721, 47.8131
YIQ	176.4130, 0.2750, 0.5230

Conversions

Conversions Part 2

Format	Color
RYB	177, 176, 177
Decimal	11645105
CIELab	71.94, 0.54, -0.39
CIElCh	72, 0.672, 324.119
Yxy	43.5721, 0.3128, 0.3277
Android (android.graphics.Color)	4289835185 (0xFFB1B0B1)
YUV	176.4130, 0.2894, 0.5148
Hunter-Lab	66.0092, -3.0426, 3.2603

Details

The XYZ color **41.5926, 43.5721, 47.8131** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.4648, 43.8102, 47.3473**, and the grayscale version is **41.4819, 43.6422, 47.5263**.

A 20% lighter version of the original color is **77.1689, 80.9201, 88.6427**, and **19.1579, 20.1556, 21.9495** is the 20% darker color. If you saturate the color by 10%, you get **38.3457, 37.0788, 46.7316**, and if you desaturate by 10%, it is **45.2945, 50.9742, 49.0474**.

Distribution



Red (69%)

Green (69%)

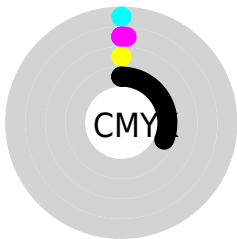
Blue (69%)



Red (69%)

Yellow (69%)

Blue (69%)



Cyan (0%)

Magenta (1%)

Yellow (0%)

Black (31%)



Cyan (31%)

Magenta (31%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.5926, 43.5721, 47.8131 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 41.5926, 43.5721, 47.8131 by changing the saturation by 10% instead.

■ 41.5926, 43.5721,
47.8131

■ 41.5926, 43.5721,
47.8131

343.8117,
360.9593, 394.5381

■ 28.9721, 30.3343,
33.3200

■ 76.8517, 80.5735,
88.2887

■ 19.2039, 20.0924,
22.0985

100.2211,
105.1058, 115.1083

■ 11.9226, 12.4623,
13.7303

127.9041,
134.1717, 146.8737

■ 6.7628, 7.0593,
7.7967

160.2661,
168.1556, 184.0036

■ 3.3592, 3.4992,
3.8793

197.6726,
207.4420, 226.9164

■ 1.3464, 1.3976,
1.5593

240.4888,

■ 0.2176, 0.2149,

252.4151, 276.0308

0.2616

289.0800,
303.4594, 331.7652

■ 0.0000, 0.0000,
0.0000

■ 41.5926, 43.5721,
47.8131

■ 41.5926, 43.5721,
47.8131

■ 38.3457, 37.0788,
46.7316

■ 45.2945, 50.9742,
49.0474

■ 35.5326, 31.4540,
45.7941

■ 49.4642, 59.3123,
50.4370

■ 33.1363, 26.6625,
44.9956

■ 54.1184, 68.6194,
51.9882

■ 31.1368, 22.6647,
44.3293

■ 59.2720, 78.9255,
53.7058

■ 29.5127, 19.4178,
43.7882

■ 61.8317, 84.0437,
54.5588

■ 28.2407, 16.8749,
43.3644

■ 61.8325, 84.0441,
54.5589

■ 27.2946, 14.9839,
43.0493

■ 61.8333, 84.0445,
54.5589

■ 26.6448, 13.6855,
42.8329

■ 61.8341, 84.0450,
54.5590

■ 26.2563, 12.9096,
42.7036

■ 61.8349, 84.0454,
54.5590

Harmonies

Analogous

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



41.5040, 43.5721, 48.0204



41.5926, 43.5721, 47.8131



41.6333, 43.5721, 47.5072

Triad

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



41.5926, 43.5721, 47.8131



41.4365, 43.5721, 46.8182



41.2134, 43.5721, 47.7007

Complementary

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



41.5926, 43.5721, 47.8131



41.4648, 43.8102, 47.3473

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.



41.1954, 43.5721, 47.3780



41.5926, 43.5721, 47.8131



41.3241, 43.5721, 46.8695

Square

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



41.5926, 43.5721, 47.8131



41.5431, 43.5721, 46.9336



41.2359, 43.5721, 47.0740



41.2851, 43.5721, 47.9553

Rectangle

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



41.5926, 43.5721, 47.8131



41.6278, 43.5721, 47.2890



41.2359, 43.5721, 47.0740



41.2008, 43.5721, 47.5966

Sweetspot

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



41.5938, 43.5740, 47.8140



74.8435, 78.7412, 85.7492



41.3708, 43.4639, 47.8045



16.2198, 17.0645, 18.5832



84.5950, 89.0005, 96.9216

Same Dimension

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



41.5938, 43.5740, 47.8140



74.2107, 77.4758, 85.5383



41.5459, 43.5548, 47.5615



9.4767, 9.9000, 10.9177



18.8809, 9.0692, 30.8924



0.5941, 0.2854, 0.9720

Inverse Universe

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



41.4949, 43.5344, 47.2926



73.8916, 77.3482, 83.8570



41.5125, 43.8293, 47.5989



9.4393, 9.8850, 10.7209



13.1370, 6.7724, 0.6157



0.4134, 0.2131, 0.0195

Previews

White Background



This preview shows how the XYZ color 41.5926, 43.5721, 47.8131 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 41.5926, 43.5721, 47.8131 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

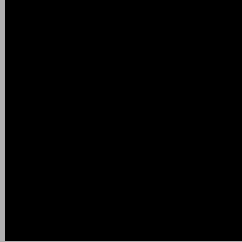
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

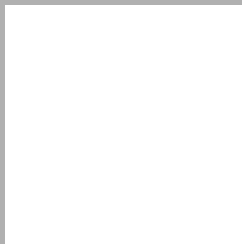
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.5926, 43.5721, 47.8131

Background



This preview shows how black text looks on a background with the XYZ color 41.5926, 43.5721, 47.8131.

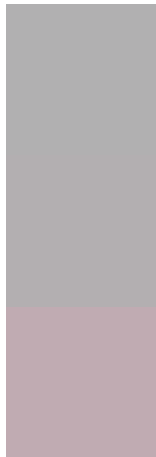


This preview shows how white text looks on a background with the XYZ color 41.5926, 43.5721,

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

41.5926, 43.5721, 47.8131

Protanopia

41.8562, 43.4180, 47.7694

Deuteranopia

44.3370, 43.5466, 48.1880



Tritanopia

42.8036, 43.4866, 53.7147

Trichromacy



Original Color

41.5926, 43.5721, 47.8131

Protanomaly

41.6259, 43.2992, 47.7586

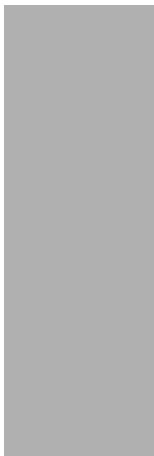
Deuteranomaly

43.4730, 43.6663, 48.2566

Tritanomaly

42.3418, 43.5856, 51.5286

Monochromacy



Original Color

41.5926, 43.5721, 47.8131

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

41.2663, 43.4154, 47.2793

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.5926, 43.5721, 47.8131 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(177, 176, 177)` looks like.

```
.text, #text, p{  
    color:rgb(177, 176, 177)  
}
```

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(177, 176, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 176, 177) }
```

Border

The CSS property to change the border of an element to XYZ 41.5926, 43.5721, 47.8131 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(177, 176, 177) }
```

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

```
.border{ border-color:rgb(177, 176, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 176, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 176, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 176, 177);  
box-shadow:4px 4px 4px 4px rgb(177, 176,  
177) }
```


Background

The CSS property to change the background color of an element to XYZ 41.5926, 43.5721, 47.8131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 176, 177) }
```

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

```
.background{ background-color: rgb(177,  
176, 177) }
```

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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