

Converting Colors

XYZ(40.5763, 47.0614, 60.9780)

Have a look what the booklet for
XYZ(40.5763, 47.0614, 60.9780)
contains.

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Color

**XYZ(40.5763, 47.0614,
60.9780)**

Conversions

Conversions Part 1

Format	Color
Hex	92BEC7
RGB	146, 190, 199
RGB Percent	57%, 75%, 78%
CMY	0.4274, 0.2549, 0.2196
CMYK	0.27, 0.05, 0.00, 0.22
HSL	190°, 32%, 68%
HSV	190°, 27%, 78%
XYZ	40.5763, 47.0614, 60.9780
YIQ	177.8700, -29.1130, -6.5290

Conversions

Conversions Part 2

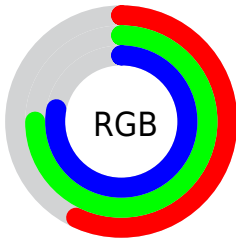
Format	Color
R_{YB}	146, 170, 199
Decimal	9617095
CIE _{Lab}	74.23, -12.43, -9.29
CIE _{LCh}	74, 15.519, 216.759
Yxy	47.0614, 0.2730, 0.3167
Android (android.graphics.Color)	4287807175 (0xFF92BEC7)
YUV	177.8700, 10.4171, -27.9500
Hunter-Lab	68.6013, -14.4731, -4.6805

Details

The XYZ color **40.5763, 47.0614, 60.9780** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **40.4634, 37.6604, 32.3317**, and the grayscale version is **42.2070, 44.4050, 48.3571**.

A 20% lighter version of the original color is **75.0932, 85.5490, 107.1625**, and **18.6726, 22.3153, 30.1112** is the 20% darker color. If you saturate the color by 10%, you get **36.6191, 43.9488, 60.5866**, and if you desaturate by 10%, it is **45.1690, 50.5291, 61.4061**.

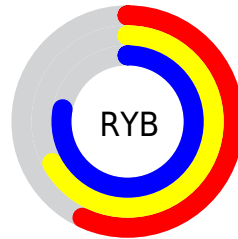
Distribution



Red (57%)

Green (75%)

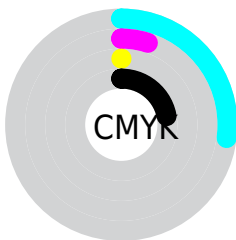
Blue (78%)



Red (57%)

Yellow (67%)

Blue (78%)

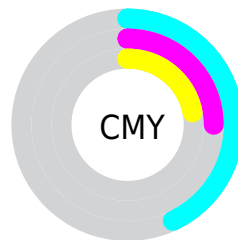


Cyan (27%)

Magenta (5%)

Yellow (0%)

Black (22%)



Cyan (43%)

Magenta (25%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.5763, 47.0614, 60.9780 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 40.5763, 47.0614, 60.9780 by changing the saturation by 10% instead.

■ 40.5763, 47.0614,
60.9780

■ 40.5763, 47.0614,
60.9780

339.6396,
375.0596, 446.0977

■ 28.1744, 33.0842,
43.7770

■ 75.3191, 85.8053,
107.8043

■ 18.5983, 22.1910,
30.1593

■ 98.3906, 111.3407,
138.2667

■ 11.4826, 13.9973,
19.7065

125.7494,
141.4977, 173.9865

■ 6.4621, 8.1188,
11.9999

157.7608,
176.6606, 215.3825

■ 3.1714, 4.1710,
6.6211

194.7902,
217.2139, 262.8730

■ 1.2450, 1.7697,
3.1514

237.2028,

■ 0.1415, 0.4682,

263.5419, 316.8767

1.1725

285.3642,
316.0290, 377.8121

■ 0.0000, 0.0000,
0.0000

■ 40.5763, 47.0614,
60.9780

■ 40.5763, 47.0614,
60.9780

■ 36.6191, 43.9488,
60.5866

■ 45.1690, 50.5291,
61.4061

■ 33.2613, 41.1690,
60.2270

■ 50.4227, 54.3618,
61.8689

■ 30.4693, 38.7057,
59.8987

■ 56.3666, 58.5759,
62.3691

■ 28.2045, 36.5390,
59.5998

■ 63.0270, 63.1849,
62.9077

■ 26.4233, 34.6460,
59.3283

■ 70.4285, 68.2019,
63.4859

■ 25.0752, 33.0006,
59.0818

■ 74.6634, 71.6124,
63.9210

■ 24.0936, 31.5683,
58.8571

■ 75.5078, 73.3012,
64.2025

■ 23.8032, 31.1121,
58.7843

■ 76.3699, 75.0254,
64.4899

■ 77.2498, 76.7853,
64.7832

Harmonies

Analogous

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



39.6210, 47.0614, 53.0681



40.5763, 47.0614, 60.9780



42.6507, 47.0614, 66.6636

Triad

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



40.5763, 47.0614, 60.9780



49.8331, 47.0614, 57.5343



44.1032, 47.0614, 37.4722

Complementary

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



40.5763, 47.0614, 60.9780



40.4634, 37.6604, 32.3317

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.



46.8768, 47.0614, 38.4033



40.5763, 47.0614, 60.9780



50.2613, 47.0614, 49.4580

Square

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



40.5763, 47.0614, 60.9780



48.0120, 47.0614, 64.5356



49.1589, 47.0614, 42.6015



41.6019, 47.0614, 39.9118

Rectangle

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



40.5763, 47.0614, 60.9780



44.4284, 47.0614, 68.1279



49.1589, 47.0614, 42.6015



45.0338, 47.0614, 37.4056

Sweetspot

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



40.5777, 47.0633, 60.9791



86.8441, 94.1443, 108.2022



38.1808, 49.3197, 38.4453



18.2770, 19.9256, 23.1327



0.0000, 0.0000, 0.0000



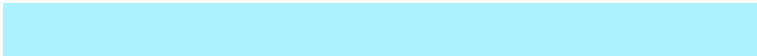
20.3446, 21.4041, 23.3091

Same Dimension

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



40.5777, 47.0633, 60.9791



66.8709, 79.1474, 106.3602



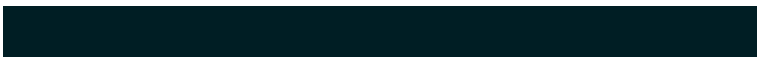
35.3797, 36.6673, 59.2464



10.7876, 11.7492, 13.6168



15.3618, 20.1175, 37.8178



0.7691, 1.0359, 1.8046

Inverse Universe

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



43.1275, 36.4187, 53.4737



72.1595, 57.6604, 90.6604



45.3341, 47.4019, 33.9552



11.0028, 10.7845, 12.9981



19.5533, 9.5709, 23.9210



0.9469, 0.4616, 1.2435

Previews

White Background



This preview shows how the XYZ color 40.5763, 47.0614, 60.9780 looks on a white background.

Color Contrast Check

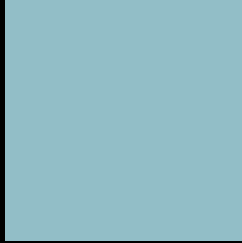
Large Text (above 18pt) WCAG AA × Fail

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 40.5763, 47.0614, 60.9780 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

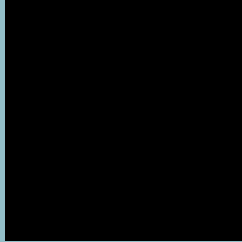
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.5763, 47.0614, 60.9780

Background



This preview shows how black text looks on a background with the XYZ color 40.5763, 47.0614, 60.9780.



This preview shows how white text looks on a background with the XYZ color 40.5763, 47.0614,

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

40.5763, 47.0614, 60.9780

Protanopia

45.4409, 46.8431, 57.0987

Deuteranopia

47.8687, 46.7849, 62.3846



Tritanopia

41.1293, 46.9579, 64.0228

Trichromacy



Original Color

40.5763, 47.0614, 60.9780

Protanomaly

43.3530, 46.6561, 58.3503

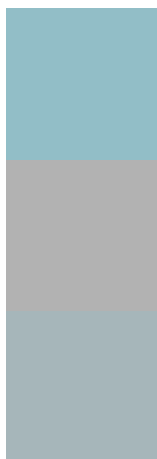
Deuteranomaly

44.9498, 46.7869, 61.9200

Tritanomaly

40.8909, 46.8625, 62.7673

Monochromacy



Original Color

40.5763, 47.0614, 60.9780

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

41.3168, 45.1081, 52.9835

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.5763, 47.0614, 60.9780 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(146, 190, 199)` looks like.

```
.text, #text, p{  
    color:rgb(146, 190, 199)  
}
```

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(146, 190, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 190, 199) }
```

Border

The CSS property to change the border of an element to XYZ 40.5763, 47.0614, 60.9780 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(146, 190, 199) }
```


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

```
.border{ border-color:rgb(146, 190, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 190, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(146, 190, 199); -webkit-box-shadow:4px 4px 4px 4px rgb(146, 190, 199); box-shadow:4px 4px 4px 4px rgb(146, 190, 199) }
```

Background

The CSS property to change the background color of an element to XYZ 40.5763, 47.0614, 60.9780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 190, 199) }
```

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

```
.background{ background-color: rgb(146,  
190, 199) }
```

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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