

Converting Colors

XYZ(41.1944, 61.2713, 61.9126)

Have a look what the booklet for
XYZ(41.1944, 61.2713, 61.9126)
contains.

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Color

**XYZ(41.1869, 61.2662,
61.8793)**

Conversions

Conversions Part 1

Format	Color
Hex	52E4C4
RGB	82, 228, 196
RGB Percent	32%, 89%, 77%
CMY	0.6784, 0.1059, 0.2314
CMYK	0.64, 0.00, 0.14, 0.11
HSL	167°, 73%, 61%
HSV	167°, 64%, 89%
XYZ	41.1869, 61.2662, 61.8793
YIQ	180.6980, -76.7440, -40.9040

Conversions

Conversions Part 2

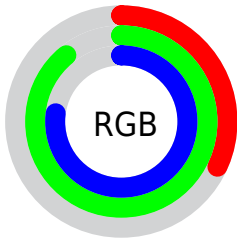
Format	Color
RYB	82, 164, 228
Decimal	5432516
CIELab	82.52, -46.30, 4.20
CIELCh	83, 46.488, 174.814
Yxy	61.2662, 0.2506, 0.3728
Android (android.graphics.Color)	4283622596 (0xFF52E4C4)
YUV	180.6980, 7.5439, -86.5581
Hunter-Lab	78.2727, -43.0511, 7.9186

Details

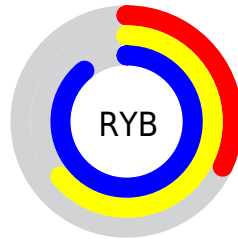
The XYZ color **41.1869, 61.2662, 61.8793** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light muted cyan. A complement of this color would be **38.0516, 23.7451, 18.4997**, and the grayscale version is **43.7499, 46.0283, 50.1248**.

A 20% lighter version of the original color is **65.3437, 84.7228, 105.8377**, and **19.6350, 31.4580, 30.6283** is the 20% darker color. If you saturate the color by 10%, you get **38.9647, 60.1868, 58.8561**, and if you desaturate by 10%, it is **44.0900, 62.6974, 65.0360**.

Distribution



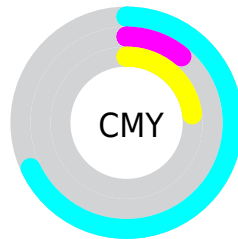
- Red (32%)
- Green (89%)
- Blue (77%)



- Red (32%)
- Yellow (64%)
- Blue (89%)



- Cyan (64%)
- Magenta (0%)
- Yellow (14%)
- Black (11%)





- Cyan (68%)
- Magenta (11%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.1869, 61.2662, 61.8793 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 41.1869, 61.2662, 61.8793 by changing the saturation by 10% instead.


 41.1869, 61.2662,
61.8793


 41.1869, 61.2662,
61.8793


342.1504,
429.2494, 449.4862

 28.6535, 44.4400,
44.5000


 76.2404, 106.6643,
109.1210


 18.9618, 31.0166,
30.7237


 99.4913, 136.0050,
139.8204

 11.7465, 20.6115,
20.1319


 127.0453,
170.2860, 175.7971

 6.6423, 12.8403,
12.3059

 159.2678,
209.8917, 217.4693

 3.2837, 7.3187,
6.8273

196.5242,
255.2065, 265.2559

 1.3055, 3.6622,
3.2775

239.1799,

 0.1874, 1.4864,

306.6148, 319.5752

1.2380

287.6002,
364.5009, 380.8457

■ 0.0000, 0.2792,
0.0102

■ 0.0000, 0.0000,
0.0000

■ 41.1869, 61.2662,
61.8793

■ 41.1869, 61.2662,
61.8793

■ 38.9647, 60.1868,
58.8561

■ 44.0900, 62.6974,
65.0360

■ 37.3498, 59.4167,
55.9579


■ 47.7277, 64.5037,
68.3257


■ 36.2608, 58.9157,
53.1814

■ 52.1544, 66.7145,
71.7530


■ 35.7830, 58.7043,
51.5785


■ 57.4176, 69.3543,
75.3213

 63.5613, 72.4456,
79.0333

 70.6260, 76.0095,
82.8919

 78.6500, 80.0657,
86.8998

 84.1224, 82.8041,
90.8935

 84.8588, 83.0987,
94.7716

Harmonies

Analogous

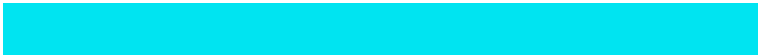
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



43.9586, 61.2662, 39.8638



41.1869, 61.2662, 61.8793



42.5409, 61.2662, 92.4350

Triad

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



41.1869, 61.2662, 61.8793



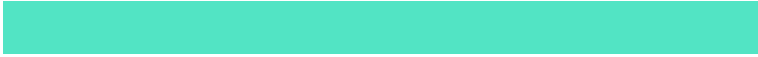
66.6319, 61.2662, 129.7935



69.9613, 61.2662, 31.2116

Complementary

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



41.1869, 61.2662, 61.8793



38.0516, 23.7451, 18.4997

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.



77.3720, 61.2662, 46.2620



41.1869, 61.2662, 61.8793



75.3016, 61.2662, 103.5074

Square

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



41.1869, 61.2662, 61.8793



56.5201, 61.2662, 137.4715



79.4293, 61.2662, 71.7826



59.9775, 61.2662, 25.6790

Rectangle

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



41.1869, 61.2662, 61.8793



45.6914, 61.2662, 113.2353



79.4293, 61.2662, 71.7826



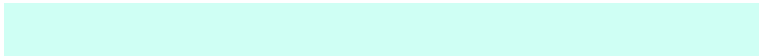
72.8791, 61.2662, 35.0735

Sweetspot

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



41.1886, 61.2686, 61.8807



77.7535, 91.2754, 99.4106



36.4797, 59.8161, 17.6068



16.1656, 19.2969, 20.9850



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.



41.1886, 61.2686, 61.8807



49.4217, 77.1906, 74.5561



35.6972, 43.8215, 79.9785



14.6651, 16.2795, 17.7672



20.7076, 33.9152, 30.0244



1.5638, 2.5196, 2.3955

Inverse Universe

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



38.0516, 23.7451, 18.4997



45.1689, 25.3052, 14.9934



40.3492, 30.7637, 11.7952



14.5057, 14.4195, 15.5973



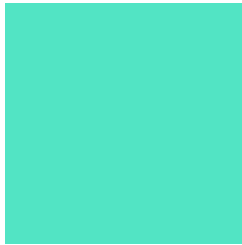
18.8433, 9.6716, 2.8041



1.4267, 0.7284, 0.3875

Previews

White Background



This preview shows how the XYZ color 41.1869, 61.2662, 61.8793 looks on a white background.

Color Contrast Check

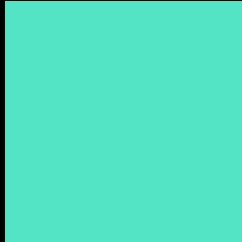
Large Text (above 18pt) WCAG AA × Fail

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 41.1869, 61.2662, 61.8793 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

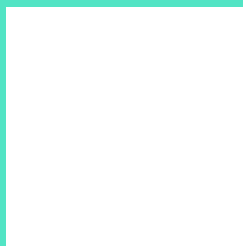
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.1869, 61.2662, 61.8793

Background



This preview shows how black text looks on a background with the XYZ color 41.1869, 61.2662, 61.8793.



This preview shows how white text looks on a background with the XYZ color 41.1869, 61.2662,

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

41.1869, 61.2662, 61.8793

Protanopia

57.0546, 60.1278, 53.3985

Deuteranopia

61.4862, 60.0916, 64.8581



Tritanopia

47.1050, 61.2431, 91.7765

Trichromacy



Original Color

41.1869, 61.2662, 61.8793



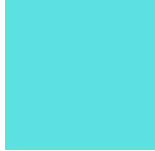
Protanomaly

48.1376, 58.7171, 56.3734



Deuteranomaly

49.9945, 58.0525, 63.2139



Tritanomaly

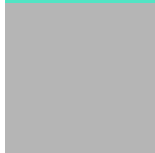
44.6244, 61.0203, 79.9471

Monochromacy



Original Color

41.1869, 61.2662, 61.8793



Achromatopsia

43.9204, 46.2077, 50.3202



Achromatomaly

40.7341, 49.9531, 53.9494

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.1869, 61.2662, 61.8793 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(82, 228, 196)` looks like.

```
.text, #text, p{  
    color:rgb(82, 228, 196)  
}
```

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(82, 228, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 228, 196) }
```

Border

The CSS property to change the border of an element to XYZ 41.1869, 61.2662, 61.8793 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(82, 228, 196) }
```


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

```
.border{ border-color:rgb(82, 228, 196) }
```

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

Here you see how a box with a 4 pixel rgb(82, 228, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 228, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 228, 196);  
box-shadow:4px 4px 4px 4px rgb(82, 228,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 41.1869, 61.2662, 61.8793 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 228, 196) }
```

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

```
.background{ background-color: rgb(82, 228,  
196) }
```

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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