

Converting Colors

XYZ(46.3266, 55.8889, 75.3638)

Have a look what the booklet for
XYZ(46.3266, 55.8889, 75.3638)
contains.

XYZ(46.3266, 55.8889, 75.3638)	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(46.3266, 55.8889,
75.3638)**

Conversions

Conversions Part 1

Format	Color
Hex	8DD0DB
RGB	141, 208, 219
RGB Percent	55%, 82%, 86%
CMY	0.4470, 0.1843, 0.1412
CMYK	0.36, 0.05, 0.00, 0.14
HSL	188°, 52%, 71%
HSV	188°, 36%, 86%
XYZ	46.3266, 55.8889, 75.3638
YIQ	189.2210, -43.4630, -10.7830

Conversions

Conversions Part 2

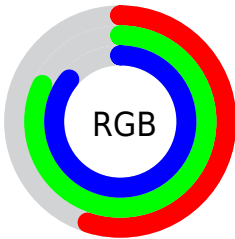
Format	Color
RYB	141, 177, 219
Decimal	9294043
CIELab	79.55, -18.37, -12.17
CIELCh	80, 22.033, 213.536
Yxy	55.8889, 0.2609, 0.3147
Android (android.graphics.Color)	4287484123 (0xFF8DD0DB)
YUV	189.2210, 14.6810, -42.2898
Hunter-Lab	74.7589, -20.2151, -7.4385

Details

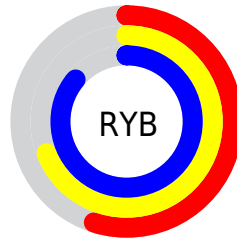
The XYZ color **46.3266, 55.8889, 75.3638** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **45.2504, 39.4405, 30.4287**, and the grayscale version is **48.4341, 50.9564, 55.4915**.

A 20% lighter version of the original color is **76.8360, 90.6103, 108.0476**, and **21.9298, 27.4412, 39.2628** is the 20% darker color. If you saturate the color by 10%, you get **42.2195, 52.6661, 74.9592**, and if you desaturate by 10%, it is **51.1880, 59.5250, 75.8104**.

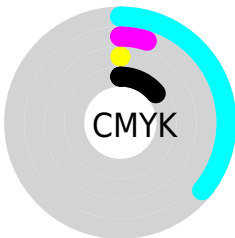
Distribution



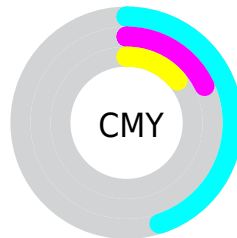
- Red (55%)
- Green (82%)
- Blue (86%)



- Red (55%)
- Yellow (69%)
- Blue (86%)



- Cyan (36%)
- Magenta (5%)
- Yellow (0%)
- Black (14%)





- Cyan (45%)
- Magenta (18%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.3266, 55.8889, 75.3638 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 46.3266, 55.8889, 75.3638 by changing the saturation by 10% instead.


 46.3266, 55.8889,
75.3638


 46.3266, 55.8889,
75.3638


362.8141,
409.2727, 498.4558

 32.7093, 40.1139,
55.4075


 83.9324, 98.8421,
128.5790

 22.0620, 27.6273,
39.3272


 108.6517,
126.7891, 162.6750

 14.0194, 18.0449,
26.7046


137.8024,
159.5621, 202.3213

 8.2159, 10.9822,
17.1210

171.7499,
197.5457, 247.9364

 4.2864, 6.0549,
10.1579

210.8594,
241.1241, 299.9388

 1.8654, 2.8785,
5.3968

255.4964,

 0.5566, 1.0686,

290.6818, 358.7472

2.4191

306.0261,
346.6032, 424.7800

■ 0.0000, 0.0000,
0.7968

■ 0.0000, 0.0000,
0.0000

■ 46.3266, 55.8889,
75.3638

■ 46.3266, 55.8889,
75.3638

■ 42.2195, 52.6661,
74.9592

■ 51.1880, 59.5250,
75.8104

■ 38.8180, 49.8274,
74.5905

■ 56.8388, 63.5885,
76.2969

■ 36.0754, 47.3498,
74.2568

■ 63.3178, 68.1011,
76.8264

■ 33.9373, 45.2053,
73.9556

■ 70.6600, 73.0807,
77.4006

■ 32.3404, 43.3611,
73.6838

■ 78.8981, 78.5445,
78.0210

■ 31.2067, 41.7767,
73.4377

■ 81.3674, 81.0567,
78.3758

■ 30.7956, 41.1330,
73.3352

■ 82.2174, 82.7565,
78.6591

■ 83.0825, 84.4868,
78.9475

■ 83.9629, 86.2476,
79.2409

Harmonies

Analogous

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



45.0578, 55.8889, 62.3719



46.3266, 55.8889, 75.3638



49.4113, 55.8889, 85.4328

Triad

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



46.3266, 55.8889, 75.3638



61.1242, 55.8889, 72.3956



52.5966, 55.8889, 39.5921

Complementary

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



46.3266, 55.8889, 75.3638



45.2504, 39.4405, 30.4287

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.



57.0113, 55.8889, 41.5083



46.3266, 55.8889, 75.3638



62.0924, 55.8889, 59.3600

Square

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



46.3266, 55.8889, 75.3638



57.9713, 55.8889, 83.5586



60.5486, 55.8889, 48.3366



48.5486, 55.8889, 42.6861

Rectangle

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



46.3266, 55.8889, 75.3638



52.1667, 55.8889, 88.4815



60.5486, 55.8889, 48.3366



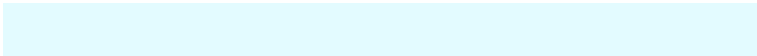
54.0863, 55.8889, 39.6738

Sweetspot

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



46.3283, 55.8911, 75.3651



84.2240, 92.5652, 108.0355



41.9358, 58.5743, 38.5460



17.7638, 19.6285, 23.1024



0.0000, 0.0000, 0.0000



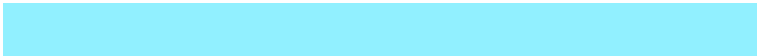
20.3446, 21.4041, 23.3091

Same Dimension

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



46.3283, 55.8911, 75.3651



60.8134, 75.3207, 105.9409



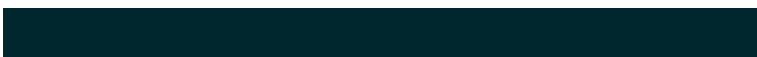
38.0719, 39.3784, 72.6130



13.2802, 14.5002, 16.7510



18.3212, 24.5118, 43.5040



1.2308, 1.6758, 2.8330

Inverse Universe

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



50.1249, 38.6654, 64.4981



67.0787, 47.8818, 87.7862



52.5226, 53.9849, 32.8527



13.5313, 13.2416, 16.0591



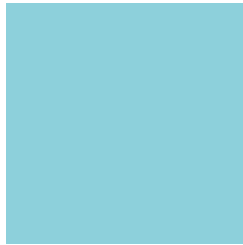
22.7430, 11.0982, 29.3564



1.4956, 0.7279, 2.0185

Previews

White Background



This preview shows how the XYZ color 46.3266, 55.8889, 75.3638 looks on a white background.

Color Contrast Check

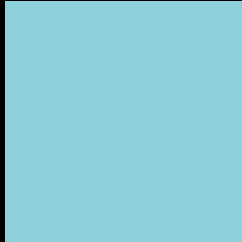
Large Text (above 18pt) WCAG AA × Fail

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 46.3266, 55.8889, 75.3638 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

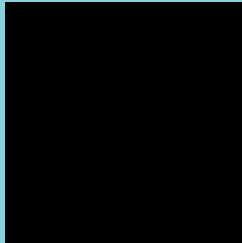
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 46.3266, 55.8889, 75.3638

Background



This preview shows how black text looks on a background with the XYZ color 46.3266, 55.8889, 75.3638.



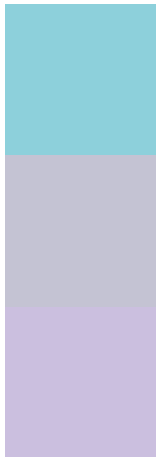
This preview shows how white text looks on a background with the XYZ color 46.3266, 55.8889,

75.3638.

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

46.3266, 55.8889, 75.3638

Protanopia

54.0379, 55.4691, 69.4865

Deuteranopia

56.5787, 55.2858, 77.5013



Tritanopia

46.9227, 55.7582, 78.8103

Trichromacy



Original Color

46.3266, 55.8889, 75.3638

Protanomaly

50.6964, 55.3937, 71.6384

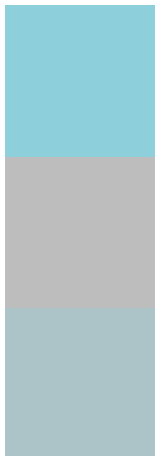
Deuteranomaly

51.9735, 54.9097, 76.9666

Tritanomaly

46.6530, 55.6504, 77.3900

Monochromacy



Original Color

46.3266, 55.8889, 75.3638

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

47.1785, 52.4206, 62.2752

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.3266, 55.8889, 75.3638 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(141, 208, 219)` looks like.

```
.text, #text, p{  
    color:rgb(141, 208, 219)  
}
```

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(141, 208, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 208, 219) }
```

Border

The CSS property to change the border of an element to XYZ 46.3266, 55.8889, 75.3638 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(141, 208, 219) }
```


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

```
.border{ border-color:rgb(141, 208, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 208, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(141, 208, 219); -webkit-box-shadow:4px 4px 4px 4px rgb(141, 208, 219); box-shadow:4px 4px 4px 4px rgb(141, 208, 219) }
```

Background

The CSS property to change the background color of an element to XYZ 46.3266, 55.8889, 75.3638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 208, 219) }
```

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

```
.background{ background-color: rgb(141,  
208, 219) }
```

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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