

Converting Colors

XYZ(55.1829, 63.0729, 29.6650)

Have a look what the booklet for
XYZ(55.1829, 63.0729, 29.6650)
contains.

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Color

**XYZ(55.1713, 62.9416,
29.6632)**

Conversions

Conversions Part 1

Format	Color
Hex	D6D480
RGB	214, 212, 128
RGB Percent	84%, 83%, 50%
CMY	0.1608, 0.1686, 0.4980
CMYK	0.00, 0.01, 0.40, 0.16
HSL	59°, 51%, 67%
HSV	59°, 40%, 84%
XYZ	55.1713, 62.9416, 29.6632
YIQ	203.0220, 28.1560, -25.7000

Conversions

Conversions Part 2

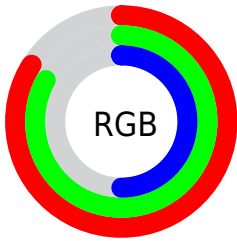
Format	Color
R _{YB}	130, 214, 128
Decimal	14079104
CIE Lab	83.41, -11.41, 41.75
CIE LCh	83, 43.278, 105.286
Yxy	62.9416, 0.3733, 0.4259
Android (android.graphics.Color)	4292269184 (0xFFD6D480)
YUV	203.0220, -36.9858, 9.6277
Hunter-Lab	79.3357, -14.7059, 33.3668

Details

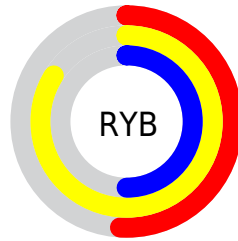
The XYZ color **55.1713, 62.9416, 29.6632** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **29.0222, 25.4088, 66.9930**, and the grayscale version is **56.9925, 59.9606, 65.2970**.

A 20% lighter version of the original color is **85.4435, 96.1574, 58.3128**, and **27.6670, 32.2586, 11.7895** is the 20% darker color. If you saturate the color by 10%, you get **53.7855, 62.1913, 22.9699**, and if you desaturate by 10%, it is **56.8577, 63.8172, 37.9238**.

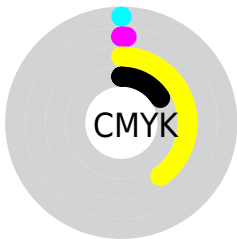
Distribution



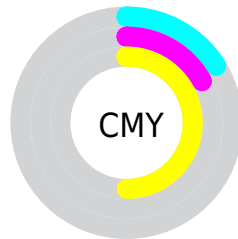
- Red (84%)
- Green (83%)
- Blue (50%)



- Red (51%)
- Yellow (84%)
- Blue (50%)



- Cyan (0%)
- Magenta (1%)
- Yellow (40%)
- Black (16%)



- Cyan (16%)
- Magenta (17%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.1713, 62.9416, 29.6632 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 55.1713, 62.9416, 29.6632 by changing the saturation by 10% instead.

■ 55.1713, 62.9416,
29.6632

■ 55.1713, 62.9416,
29.6632

396.6868,
435.3575, 314.4897

■ 39.7733, 45.7940,
19.3332

■ 96.9388, 109.0853,
60.1838

■ 27.5452, 32.0833,
11.7320

■ 124.0389,
138.8501, 81.2116

■ 18.1218, 21.4251,
6.4412

■ 155.7704,
173.5894, 106.6423

■ 11.1377, 13.4351,
3.0421

192.4987,
213.6876, 136.8945

■ 6.2275, 7.7288,
1.1162

234.5892,
259.5291, 172.3869

■ 3.0259, 3.9219,
0.0000

282.4071,

■ 1.1675, 1.6300,

311.4984, 213.5378

0.0000

336.3179,
369.9797, 260.7659

0.0804, 0.3777,
0.0000

0.0000, 0.0000,
0.0000

55.1713, 62.9416,
29.6632

55.1713, 62.9416,
29.6632

53.7855, 62.1913,
22.9699

56.8577, 63.8172,
37.9238

52.6768, 61.5503,
17.7406


58.8572, 64.8164,
47.8381


51.8257, 61.0129,
13.8662


61.1872, 65.9485,
59.4913

51.2084, 60.5695,
11.2206


63.8626, 67.2193,
72.9611


 50.7962, 60.2089,
9.6538


 66.8972, 68.6344,
88.3210

 50.5411, 59.9153,
8.9010

 70.0777, 70.1084,
104.4465

 70.2042, 70.3615,
104.4887

 70.3311, 70.6154,
104.5310

 70.4585, 70.8700,
104.5735

Harmonies

Analogous

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



64.5471, 62.9416, 29.5864



55.1713, 62.9416, 29.6632



47.8453, 62.9416, 38.1131

Triad

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



55.1713, 62.9416, 29.6632



47.9558, 62.9416, 112.4388



79.1245, 62.9416, 82.5814

Complementary

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



55.1713, 62.9416, 29.6632



29.0222, 25.4088, 66.9930

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.



73.6519, 62.9416, 111.9289



55.1713, 62.9416, 29.6632



55.3373, 62.9416, 132.0032

Square

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



55.1713, 62.9416, 29.6632



43.9872, 62.9416, 83.1505



64.7314, 62.9416, 131.7954



79.0679, 62.9416, 55.7371

Rectangle

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



55.1713, 62.9416, 29.6632



44.8225, 62.9416, 49.0395



64.7314, 62.9416, 131.7954



77.8472, 62.9416, 92.6081

Sweetspot

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



55.1728, 62.9445, 29.6645



90.2829, 97.7316, 84.9114



39.5389, 31.3703, 25.3974



19.2230, 20.8697, 17.6672



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.



55.1728, 62.9445, 29.6645



80.3072, 92.6648, 35.6991



45.3691, 58.6351, 29.3494



13.4470, 14.4682, 13.2446



30.5601, 36.2375, 5.3839



1.8512, 2.2017, 0.3274

Inverse Universe

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



29.0222, 25.4088, 66.9930



36.3851, 29.6246, 98.4082



36.0342, 28.6336, 67.2459



11.7655, 12.0544, 15.6441



7.3794, 3.0206, 38.6472



0.4534, 0.1988, 2.3338

Previews

White Background



This preview shows how the XYZ color 55.1713, 62.9416, 29.6632 looks on a white background.

Color Contrast Check

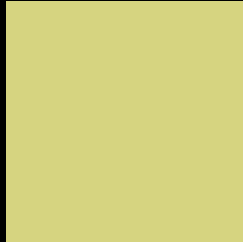
Large Text (above 18pt) WCAG AA × Fail

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 55.1713, 62.9416, 29.6632 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

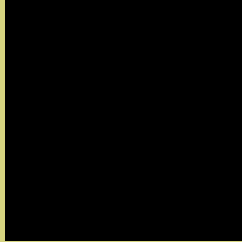
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

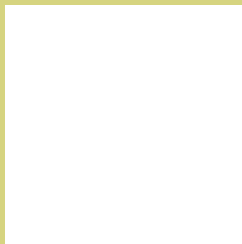
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.1713, 62.9416, 29.6632

Background



This preview shows how black text looks on a background with the XYZ color 55.1713, 62.9416, 29.6632.



This preview shows how white text looks on a background with the XYZ color 55.1713, 62.9416,

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

55.1713, 62.9416, 29.6632

Protanopia

58.0003, 62.9490, 28.8321

Deuteranopia

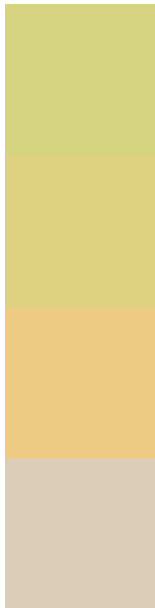
64.0745, 62.5361, 30.1663



Tritanopia

64.1515, 62.6303, 74.3534

Trichromacy



Original Color

55.1713, 62.9416, 29.6632

Protanomaly

56.7554, 62.6628, 29.1825

Deuteranomaly

60.6451, 62.5007, 29.9866

Tritanomaly

60.1035, 62.3811, 54.7719

Monochromacy



Original Color

55.1713, 62.9416, 29.6632

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

55.6399, 60.5426, 49.8276

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.1713, 62.9416, 29.6632 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(214, 212, 128)` looks like.

```
.text, #text, p{  
    color:rgb(214, 212, 128)  
}
```

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(214, 212, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 212, 128) }
```

Border

The CSS property to change the border of an element to XYZ 55.1713, 62.9416, 29.6632 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(214, 212, 128) }
```


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

```
.border{ border-color:rgb(214, 212, 128) }
```

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

Here you see how a box with a 4 pixel rgb(214, 212, 128) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 212, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 212, 128);  
box-shadow:4px 4px 4px 4px rgb(214, 212,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 55.1713, 62.9416, 29.6632 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 212, 128) }
```

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

```
.background{ background-color: rgb(214,  
212, 128) }
```

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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