

Converting Colors

XYZ(56.4460, 62.1477, 28.7593)

Have a look what the booklet for
XYZ(56.4460, 62.1477, 28.7593)
contains.

XYZ(56.4460, 62.1477, 28.7593)	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(56.4460, 62.1477,
28.7593)**

Conversions

Conversions Part 1

Format	Color
Hex	DED07E
RGB	222, 208, 126
RGB Percent	87%, 82%, 49%
CMY	0.1294, 0.1843, 0.5059
CMYK	0.00, 0.06, 0.43, 0.13
HSL	51°, 59%, 68%
HSV	51°, 43%, 87%
XYZ	56.4460, 62.1477, 28.7593
YIQ	202.8380, 34.6660, -22.5340

Conversions

Conversions Part 2

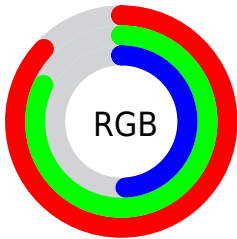
Format	Color
R _{YB}	142, 222, 126
Decimal	14602366
CIE Lab	82.99, -6.41, 42.35
CIE LCh	83, 42.836, 98.610
Yxy	62.1477, 0.3831, 0.4218
Android (android.graphics.Color)	4292792446 (0xFFDED07E)
YUV	202.8380, -37.8811, 16.8051
Hunter-Lab	78.8338, -10.1509, 33.5541

Details

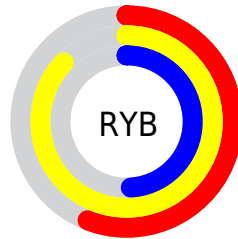
The XYZ color **56.4460, 62.1477, 28.7593** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **31.1669, 28.4649, 72.9588**, and the grayscale version is **56.8794, 59.8415, 65.1674**.

A 20% lighter version of the original color is **85.2382, 96.0753, 57.2319**, and **28.3427, 31.6185, 11.2658** is the 20% darker color. If you saturate the color by 10%, you get **54.3891, 60.0775, 21.7736**, and if you desaturate by 10%, it is **58.8400, 64.3830, 37.4269**.

Distribution



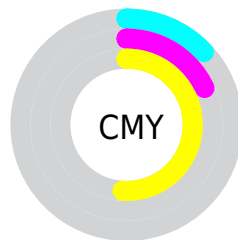
- Red (87%)
- Green (82%)
- Blue (49%)



- Red (56%)
- Yellow (87%)
- Blue (49%)



- Cyan (0%)
- Magenta (6%)
- Yellow (43%)
- Black (13%)





- Cyan (13%)
- Magenta (18%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.4460, 62.1477, 28.7593 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 56.4460, 62.1477, 28.7593 by changing the saturation by 10% instead.


 56.4460, 62.1477,
28.7593

 56.4460, 62.1477,
28.7593


401.4180,
432.4696, 310.1029


 40.7990, 45.1521,
18.6548

 98.7924, 107.9390,
58.7321

 28.3491, 31.5772,
11.2468

 126.2226,
137.5034, 79.4374

 18.7307, 21.0388,
6.1169


 158.3111,
172.0262, 104.5134

 11.5787, 13.1523,
2.8463

195.4235,
211.8917, 134.3787

 6.5277, 7.5335,
1.0167

237.9250,
257.4845, 169.4517

 3.2122, 3.7980,
0.0000

286.1810,

 1.2669, 1.5612,

309.1888, 210.1511

0.0000

340.5569,
367.3890, 256.8953

■ 0.1583, 0.3312,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.4460, 62.1477,
28.7593

■ 56.4460, 62.1477,
28.7593

■ 54.3891, 60.0775,
21.7736

■ 58.8400, 64.3830,
37.4269

■ 52.6433, 58.1551,
16.3540


■ 61.5858, 66.7827,
47.8745


■ 51.1861, 56.3736,
12.3760


■ 64.7029, 69.3570,
60.1968


■ 49.9900, 54.7219,
9.6946

■ 68.2080, 72.1126,
74.4810

 49.0216, 53.1863,
8.1343


 72.1165, 75.0560,
90.8088

 48.4592, 52.1997,
7.5215

 75.7592, 77.9196,
105.6548

 76.6549, 79.7110,
105.9534

 77.5673, 81.5359,
106.2575

 78.4966, 83.3944,
106.5673

Harmonies

Analogous

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



65.7983, 62.1477, 30.4506



56.4460, 62.1477, 28.7593



48.6491, 62.1477, 35.1530

Triad

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



56.4460, 62.1477, 28.7593



46.2301, 62.1477, 104.7012



77.2310, 62.1477, 88.0032

Complementary

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



56.4460, 62.1477, 28.7593



31.1669, 28.4649, 72.9588

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.



70.8809, 62.1477, 115.7995



56.4460, 62.1477, 28.7593



52.8159, 62.1477, 127.0588

Square

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



56.4460, 62.1477, 28.7593



43.1680, 62.1477, 75.5861



61.7731, 62.1477, 131.5787



78.4630, 62.1477, 60.3236

Rectangle

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



56.4460, 62.1477, 28.7593



45.1473, 62.1477, 44.4485



61.7731, 62.1477, 131.5787



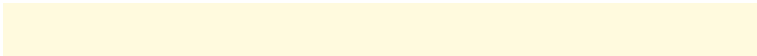
75.5947, 62.1477, 97.8264

Sweetspot

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



56.4475, 62.1506, 28.7606



88.6424, 95.0012, 82.6670



42.3487, 32.3572, 28.9802



18.7599, 20.1617, 16.8404



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.



56.4475, 62.1506, 28.7606



74.6782, 82.4761, 30.5261



50.7252, 64.4913, 29.5140



14.6926, 15.6711, 14.5572



28.8476, 31.1330, 4.4888



2.0466, 2.2522, 0.3268

Inverse Universe

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



31.1669, 28.4649, 72.9588



35.7657, 30.6526, 98.6392



35.0636, 27.6288, 72.5921



13.1125, 13.5641, 17.3147



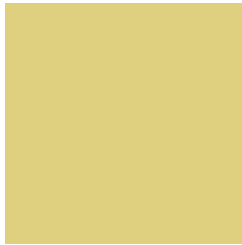
8.1932, 3.8560, 41.3608



0.6195, 0.3705, 2.8841

Previews

White Background



This preview shows how the XYZ color 56.4460, 62.1477, 28.7593 looks on a white background.

Color Contrast Check

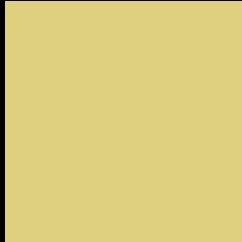
Large Text (above 18pt) WCAG AA × Fail

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 56.4460, 62.1477, 28.7593 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 56.4460, 62.1477, 28.7593

Background



This preview shows how black text looks on a background with the XYZ color 56.4460, 62.1477, 28.7593.



This preview shows how white text looks on a background with the XYZ color 56.4460, 62.1477,

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

56.4460, 62.1477, 28.7593

Protanopia

57.4427, 62.3008, 28.7364

Deuteranopia

63.2869, 61.8150, 29.0180



Tritanopia

65.1593, 62.1812, 71.5187

Trichromacy



Original Color

56.4460, 62.1477, 28.7593

Protanomaly

57.1301, 62.1396, 28.7217

Deuteranomaly

60.6526, 61.8309, 28.8165

Tritanomaly

61.4559, 62.0712, 52.4579

Monochromacy



Original Color

56.4460, 62.1477, 28.7593

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

56.1475, 60.4594, 49.2680

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.4460, 62.1477, 28.7593 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(222, 208, 126)` looks like.

```
.text, #text, p{  
    color:rgb(222, 208, 126)  
}
```

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(222, 208, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 208, 126) }
```

Border

The CSS property to change the border of an element to XYZ 56.4460, 62.1477, 28.7593 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(222, 208, 126) }
```


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

```
.border{ border-color:rgb(222, 208, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 208, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 208, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 208, 126);  
box-shadow:4px 4px 4px 4px rgb(222, 208,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 56.4460, 62.1477, 28.7593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 208, 126) }
```

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

```
.background{ background-color: rgb(222,  
208, 126) }
```

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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